

### Antibody Sources and Species Specificities of Antibody Arrays

| <i>Antibody</i>         | <i>Source</i>             | <i>Specificity</i>      |
|-------------------------|---------------------------|-------------------------|
|                         | r=rabbit, m=mouse, g=goat | h=human, m=mouse, r=rat |
| 14-3-3                  | r                         | hmr                     |
| A1                      | r                         | hmr                     |
| Abl (c-Abl/Bcr-Able)    | m                         | hmr                     |
| ACINUS-L/S              | g                         | h                       |
| ACINUS-p23              | g                         | h                       |
| AFAP                    | m                         | hmr                     |
| AIF                     | g                         | hmr                     |
| Akt 1/2                 | r                         | hmr                     |
| ALK                     | g                         | hmr                     |
| Amphiphysin             | g                         | hmr                     |
| Annexin VI              | r                         | hmr                     |
| ANT                     | g                         | hmr                     |
| Apaf1                   | r                         | hmr                     |
| APC                     | r                         | hmr                     |
| ARC                     | g                         | hmr                     |
| Axl                     | g                         | hmr                     |
| B7-1                    | g                         | h                       |
| B7-2                    | g                         | h                       |
| Bad                     | r                         | hmr                     |
| Bag-1                   | r                         | hmr                     |
| Bak                     | r                         | hmr                     |
| BAP1                    | g                         | h                       |
| BARD1                   | g                         | hmr                     |
| Bax                     | m                         | hmr                     |
| Bcl-2                   | r                         | h                       |
| Bcl-3                   | r                         | hmr                     |
| Bcl-6                   | r                         | hmr                     |
| Bcl-w                   | g                         | hmr                     |
| Bcl-xS/L                | m                         | hmr                     |
| Bek                     | m                         | hmr                     |
| BI-1                    | g                         | hmr                     |
| BID                     | g                         | h                       |
| Bim                     | g                         | hmr                     |
| Bin 1                   | g                         | hmr                     |
| Blk                     | r                         | hmr                     |
| BMX                     | g                         | hmr                     |
| BOK                     | g                         | hmr                     |
| BRAMP2                  | r                         | hmr                     |
| BRCA1                   | r                         | h                       |
| BRCA2                   | g                         | hmr                     |
| Brk                     | r                         | h                       |
| Brm                     | g                         | h                       |
| BRUCE                   | r                         | h                       |
| Btk                     | r                         | hmr                     |
| C/EBP beta              | r                         | hmr                     |
| Cadherin (E-Cadherin)   | m                         | hmr                     |
| Cadherin (N-Cadherin)   | r                         | hmr                     |
| Cadherin (Pan-Cadherin) | r                         | h                       |
| Cadherin (VE-cadherin)  | g                         | hmr                     |
| CAS                     | g                         | h                       |
| Caspase1                | r                         | h                       |
| Caspase10               | g                         | h                       |
| Caspase2                | g                         | h                       |
| Caspase3                | r                         | hmr                     |

|                         |   |     |
|-------------------------|---|-----|
| Caspase4                | g | hmr |
| Caspase5                | g | h   |
| Caspase6                | g | hmr |
| Caspase7                | g | hmr |
| Caspase8                | g | hmr |
| Caspase9                | g | h   |
| Catenin (a-Catenin)     | r | hm  |
| Catenin (b-Catenin)     | r | hm  |
| Catenin (gamma-catenin) | m | h   |
| Cbl (c-Cbl)             | m | hmr |
| CBP                     | r | hmr |
| CD 3 epsilon            | g | hmr |
| CD27                    | g | h   |
| CD28                    | r | hmr |
| CD29                    | m | h   |
| CD30                    | g | h   |
| Cd34                    | g | h   |
| CD40                    | r | h   |
| CD45                    | m | h   |
| Cdc25A                  | m | hmr |
| CDC42GAP                | m | hmr |
| Cdc6                    | m | hmr |
| Cdk1/Cdc2               | m | h   |
| Cdk2                    | m | hmr |
| Cdk4                    | m | hmr |
| Cdk6                    | m | hmr |
| c-Fgr                   | r | h   |
| Chk                     | r | hmr |
| C-IAP1                  | r | hmr |
| C-IAP2                  | r | hmr |
| CIDE-A                  | g | hmr |
| CIDE-B                  | g | mr  |
| c-Jun                   | r | hmr |
| c-Kit                   | r | hmr |
| Clathrin                | m | h   |
| Clusterin               | r | hmr |
| Connexin-32             | g | hmr |
| Connexin-43             | r | hmr |
| Cortactin               | m | hmr |
| CPAN                    | r | hmr |
| CREB                    | m | h   |
| CREM-1                  | r | hmr |
| Crk                     | r | hmr |
| Csk                     | r | hmr |
| CUL-1                   | g | hmr |
| Cyclin A                | r | hmr |
| Cyclin B                | r | hmr |
| Cyclin D3               | r | hmr |
| Cyclin E                | r | hmr |
| Cyclin H                | r | hmr |
| cytochrome C            | r | hmr |
| DAXX                    | r | hmr |
| DCC                     | g | hmr |
| DcR1 (TRID)             | g | h   |
| Desmoglein              | m | h   |
| DFF45/ICAD              | r | hmr |
| DIVA                    | g | mr  |
| Dlg                     | g | hmr |

|                   |     |     |
|-------------------|-----|-----|
| DMBT1             | g   | h   |
| DMC1              | g   | hmr |
| DR2               | g   | h   |
| DR3               | g   | h   |
| DR4               | g   | h   |
| DR5               | g   | h   |
| Dynamin           | m   | hmr |
| Dynamin II        | g   | hmr |
| E2F1              | r   | hmr |
| EGFR              | m   | h   |
| Egr-1             | r   | hmr |
| Egr-2             | r   | hmr |
| Egr-3             | r   | hmr |
| Elongin A         | g   | hmr |
| eNOS              | r   | hmr |
| EphA1             | r   | hmr |
| EphB1 (EIK)       | r   | hmr |
| eps8              | r   | hmr |
| erb2 (Neu, Her 2) | r   | hmr |
| erbB3             | r   | hmr |
| erbB4             | r   | hmr |
| ERK1              | r   | hmr |
| ERK2              | r   | hm  |
| Estrogen R a      | m   | hmr |
| Ets-1/2           | r   | hmr |
| Ezrin             | g   | hmr |
| FADD              | g   | hmr |
| FAF-1             | g   | mr  |
| FAK               | r   |     |
| Fas Ligand        | r   | hmr |
| Fas/CD95/APO-1    | r   | hmr |
| FAST              | g   | h   |
| FGFR1             | g   | hmr |
| FGFR2             | m   | hmr |
| FGFR3             | r   | hmr |
| FGFR4             | r   | hmr |
| FHIT              | g   | hmr |
| FLASH             | g   | hmr |
| FLIPs/l           | r   | hmr |
| FIt-3/2           | r   | h   |
| FIt-4             | r   | h   |
| Fos (c-Fos)       | m   | hmr |
| fyn               | m   | hmr |
| GADD153           | r   | hmr |
| GADD34            | r   | hmr |
| GADD45            | r   | hmr |
| GAK               | r   | hmr |
| GATA-1            | rat | hmr |
| GATA-2            | m   | hmr |
| GATA-3            | m   | hmr |
| G-CSF R           | r   | h   |
| gp130             | r   | hmr |
| Granzyme B        | m   | hmr |
| GRB14             | g   | hmr |
| GRB2              | m   | h   |
| GRB7              | r   | hmr |
| GRK 2             | r   | hmr |
| GSK-3 alpha       | m   | hmr |

|                          |          |            |
|--------------------------|----------|------------|
| HCAM                     | r        | hmr        |
| HDAC1                    | g        | hmr        |
| hDLG                     | m        | hmr        |
| hILP                     | g        | hmr        |
| Hrk                      | g        | hm         |
| HSP-70                   | m        | hmr        |
| ICAM-1                   | m        | h          |
| ICSBP                    | g        | hmr        |
| Id1                      | r        | hmr        |
| IEXs/1                   | g        | h          |
| IFN-a R a                | r        | hmr        |
| IFN-g R a                | r        | hmr        |
| Ikappa B-a               | r        | hmr        |
| Ikappa B-a (phospho)     | m        | hmr        |
| Ikappa B-b               | r        | hmr        |
| Ikappa B-e               | r        | hmr        |
| Ikappa B-r               | r        | hmr        |
| IKKa                     | r        | hmr        |
| IKKb                     | r        | hmr        |
| IL 1 R                   | r        | h          |
| IL 2 R alpha             | r        | hmr        |
| IL 2 R, beta             | r        | hmr        |
| IL2/IL4/IL7/IL9/IL13     | r        | h          |
| IL3/IL5/GMCSF            | r        | mr         |
| IL4R a                   | r        | mr         |
| ING1-p33                 | g        | h          |
| Insulin R b              | m        | hmr        |
| Integrin a 5             | g        | hmr        |
| Integrin a V             | m        | h          |
| Integrin b 1 (CD29)      | m        | h          |
| Integrin b 3             | g        | h          |
| IRAK                     | r        | hmr        |
| IRF1                     | r        | mr         |
| IRF2                     | r        | hmr        |
| IRS-1                    | g        | hmr        |
| ISGF3 gamma              | r        | hmr        |
| Jak1                     | r        | hmr        |
| Jak2                     | r        | hmr        |
| Jak3                     | r        | h          |
| JNK1,2,3                 | r        | hmr        |
| JNK1,2,3(phosphorylated) | m        | hmr        |
| Jun B (c-Jun,Jun-D)      | g        | hmr        |
| KAP                      | r        | h          |
| L1                       | m        | h          |
| Lck                      | m        | hmr        |
| Lck BP-1 (HS1)           | r        | hmr        |
| LGI1                     | g        | h          |
| LIFR                     | r        | hmr        |
| Lyn                      | r        | h          |
| Mad-1                    | r        | hmr        |
| <b>MAD2</b>              | <b>g</b> | <b>hmr</b> |
| Maspin                   | g        | hmr        |
| Max                      | r        | hmr        |
| Mcl-1                    | m        | h          |
| MDA-7                    | g        | h          |
| MDM2                     | m        | hmr        |
| mdr                      | r        | hmr        |
| MEF2                     | r        | hmr        |

|                    |   |     |
|--------------------|---|-----|
| MEK1               | r | hmr |
| MEKK1              | r | hmr |
| MEKK2              | r | hmr |
| Menin              | g | hmr |
| Met                | r | hmr |
| MGMT               | g | h   |
| Mmp-3              | g | hmr |
| Mmp-9              | g | hmr |
| Mos proto-oncogene | r | mr  |
| Myc (c-Myc)        | m | h   |
| MyoD               | r | hmr |
| NBK                | g | h   |
| NCK                | r | hmr |
| Nedd-2             |   |     |
| Ne-dlg             | g | hmr |
| NF-1               | r | hmr |
| NF1GRP             | r | hmr |
| NF2                | r | hmr |
| NFATC              | m | hm  |
| NF-kappa B 50      | r | hmr |
| NF-kappa B 52      | r | hmr |
| NF-kappa B p65     | r | hmr |
| Nibrin             | g | hmr |
| NIK                | r | hmr |
| nip1               | g | h   |
| nip2               | g | h   |
| nip3               | g | h   |
| NOS (l)            | m | hmr |
| NOS (n)            | r | hmr |
| Notch              | g | hmr |
| Ntk                | r | hmr |
| Nurr 1(Nur 77)     | r | hmr |
| Ob Receptor        | g | h   |
| p130Cas            | m | hr  |
| p16                | r | h   |
| p19Skp1            | r | hmr |
| p21WAF1/CIP1       | r | hmr |
| p27                | m | hmr |
| p300               | r | hmr |
| p35                | r | hmr |
| P36                | r | hmr |
| p38                | r | hmr |
| p38 MAPK           | g | hmr |
| p45 skp2           | r | hmr |
| p53                | m | hmr |
| p55 CDC            | r | hmr |
| p57                | g | h   |
| P63 (KET)          | m | hmr |
| P73                | r | hmr |
| PAR-4              | r | hmr |
| PARP               | r | hmr |
| Pax-5              | g | hmr |
| Paxillin           | m | hr  |
| PCAM-1             | g | hmr |
| PCNA               | m | hmr |
| PDGF Receptor a    | r | hmr |
| PDGF Receptor b    | r | hmr |
| Phospholipase Cg   | r | hmr |

|                        |     |     |
|------------------------|-----|-----|
| Phospholipase D        | r   | hmr |
| PI3kinase P85          | r   | hmr |
| PKC alpha, beta, gamma | m   | hmr |
| Polo-like kinase       | g   | hmr |
| PP1,2A,2B,PPX          | r   | hmr |
| pp120                  | g   | hmr |
| PSD-95                 | m   | hmr |
| PTEN                   | g   | hmr |
| PTP1 (SH)              | m   | hmr |
| PTP1B                  | g   | hmr |
| PTP2 (SH)              | r   | hmr |
| PYK2/CAK beta          | g   | hmr |
| Rab11                  | r   | hmr |
| Rab1A                  | r   | hmr |
| Rab27                  | r   | hmr |
| Rab3                   | r   | hmr |
| Rab5                   | r   | hmr |
| Rac1                   | r   | hmr |
| RACK1                  | r   | hmr |
| Rad51                  | g   | hmr |
| Rad52                  | r   | hmr |
| Raf-1 (c-Raf-1)        | m   | hmr |
| RAIDD                  | g   | h   |
| RalA                   | g   | hmr |
| Ran                    | g   | hmr |
| Rap1                   | r   | hmr |
| Rap2                   | r   | hmr |
| RAR r (a,b,r)          | r   | hmr |
| Ras                    | rat | hmr |
| Ras-GAP                | r   | hmr |
| Rb (p110)              | m   | hm  |
| Rb p107                | r   | hmr |
| RBBP                   | g   | hmr |
| RbP130 (Rb2)           | r   | hmr |
| Rbx1 & 2               | g   | hmr |
| Rel (c-Rel)            | r   | hmr |
| Rel B                  | r   | hmr |
| Ret                    | r   | hmr |
| Rho A                  | m   | h   |
| RICK                   | g   | h   |
| RIP                    | g   | hmr |
| Ron alpha              | r   | h   |
| Rsk-1                  | r   | hmr |
| RXR a,b,r              | r   | hmr |
| Sam68                  | r   | hmr |
| Selectin (E-selectin)  | g   | h   |
| Selectin (L-Selectin)  | g   | hmr |
| Selectin (P-Selectin)  | g   | hmr |
| SHC                    | r   | hmr |
| SHIP                   | g   | hmr |
| Sik                    | r   | hmr |
| SIVA                   | g   | h   |
| Smad1 (1/2/3)          | m   | hmr |
| Smad4                  | r   | hmr |
| SOCS-1                 | g   | hmr |
| SODD                   | g   | h   |
| Sos1/2                 | r   | hmr |

|                  |   |     |
|------------------|---|-----|
| sp1              | g | hmr |
| sp2              | r | hmr |
| Src              | r | hmr |
| SRF              | r | hmr |
| STAM             | g | hmr |
| Stat1            | r | hmr |
| Stat1(P-Stat1)   | m | hmr |
| Stat2            | r | h   |
| Stat3            | r | hmr |
| Stat3 (p-Stat3)  | m | hmr |
| Stat4            | r | hmr |
| Stat5a           | r | hmr |
| Stat5b           | r | hmr |
| Stat6            | r | hmr |
| SURVIVIN         | g | h   |
| Syk              | r | hmr |
| Syntaxin         | m | hmr |
| TANK             | r | hmr |
| TCR apha         | r | hmr |
| TCR beta         | r | hmr |
| TDAG51           | g | hmr |
| TGFb R1          | r | hmr |
| TGFb R2          | r | hmr |
| Thyroid R a1(b1) | r | hmr |
| TIA-1            | g | hmr |
| TIAR             | g | hmr |
| TNFR1            | r | hmr |
| TNFR2            | g | mr  |
| TOSO             | g | h   |
| TRADD            | r | hmr |
| TRAF1            | r | hmr |
| TRAF2            | r | hmr |
| TRAF3            | r | hmr |
| TRAF4            | g | hmr |
| TRAF5            | r | hmr |
| TRAF6            | r | hmr |
| TRAIL            | g | h   |
| TrkA, B, C       | r | hmr |
| TSG101           | m | hmr |
| TTK              | g | hr  |
| Tuberin          | r | hmr |
| Tyk2             | r | hmr |
| VASP             | g | hmr |
| Vav              | r | hmr |
| VCAM-1           | g | hmr |
| VDAC1            | g | hmr |
| VDR              | r | hmr |
| VEGFR1           | r | hmr |
| VEGFR2           | r | hmr |
| VHL              | g | r   |
| WT               | r | hmr |
| XRCC4            | g | h   |
| Yes              | r | hmr |
| YY1              | r | hmr |
| ZAP70 Kinase     | r | hmr |
| ZO-1             | g | hmr |