
anti-TRAIL

Cat #: HM1383
Rabbit polyclonal IgG
0.2 µg/µl, store at 4 °C

For research use only

APPLICATIONS

TRAIL (TNF related apoptosis induced ligand) or Apo 2L preferentially induces apoptosis in transformed and tumor cells, but does not appear to kill normal cells although it is expressed at a significant level in most normal tissues. This protein binds to several members of TNF receptor superfamily including DR4 or DR5. These receptors consist of an extracellular TRAIL binding domain and a cytoplasmic "death domain". In addition, two decoy receptors for TRAIL have also been identified. These receptors, designated DcR1 and DcR2, lack the death domain. Binding of TRAIL to either of these receptors, therefore, does not transmit the death signal. TRAIL is expressed predominantly in spleen, lung, and prostate but also in many other tissues.

SPECIFICITY

This antibody reacts with TRAIL of mouse, rat and human origin. It is non cross-reactive with other members of TNF family type II membrane proteins.

The antibody can be used in Western blotting and immunohistochemistry.

IMMUNOGEN

A synthetic peptide derived from C-terminus of human TRAIL protein.

STORAGE

This antibody is stable for 12 months when stored at 2-8°C.

REFERENCES

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