

Anti-TRAIL (CT) Antibody

ORDERING INFORMATION

Catalog No.: 2430

Size: 100ug IgG in PBS, pH 7.4, purified by immunoaffinity chromatography.

BACKGROUND

Apoptosis is induced by certain cytokines including TNF and Fas ligand of the TNF family through their death domain-containing receptors, TNFR1 and Fas. A novel member of the TNF family has been identified and designated TRAIL (TNF-related apoptosis-inducing ligand) and Apo-2L (Apo-2 ligand). TRAIL is a type II membrane protein and expressed in a variety of human tissues. Two novel death domain-containing receptors, DR4 and DR5, have been identified as the receptor for TRAIL. Like TNF and Fas ligand, TRAIL induces apoptosis and NF- κ B activation in many tissues and cell types.

SPECIFICATION SUMMARY

Antigen: Synthetic peptide corresponding to aa 261-277 of human TRAIL (accession no. NP_003801).

Host Species: Rabbit

Stabilizers: None

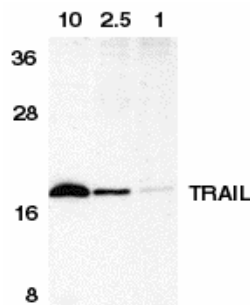
Preservatives: 0.02% sodium azide.

SPECIFICITY

This antibody recognizes human TRAIL.

APPLICATIONS

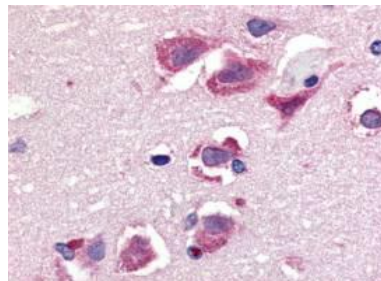
Immunoblotting: use at 1ug/ml.



Western blot analysis of TRAIL in HeLa cell lysate expressing 10, 2.5, or 1 ng of recombinant **extracellular domain** of TRAIL with TRAIL antibody at 1 μ g/ml. The mw of full-length human TRAIL is 32kDa.

Positive control: HeLa cell lysate.

Immunocytochemistry: use at 20ug/ml.



Immunohistochemistry of TRAIL in human brain with TRAIL antibody at 20 μ g/ml.

These are recommended concentrations. Enduser should determine optimal concentrations for their application.

DILUTION INSTRUCTIONS

Dilute in PBS or medium which is identical to that used in the assay system.

STORAGE AND STABILITY

This antibody is stable for at least one (1) year at -20°C. Avoid multiple freeze-thaw cycles.

For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.