

Anti-DcR2 Antibody

ORDERING INFORMATION

Catalog No.: 2419

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

BACKGROUND

TRAIL/Apo2L is a new member of the TNF family and induces apoptosis in a variety of tumor cell lines. DR4 and DR5 are the recently identified functional receptors for TRAIL, and DcR1/TRID is a "decoy receptor". Another member of the TRAIL receptor family was more recently identified and designated DcR2, TRAIL-R4, or TRUNDD. DcR2 has an extracellular TRAIL-binding domain but lacks an intracellular death domain and does not induce apoptosis. Like DR4 and DR5, DcR2 transcript is widely expressed in normal human tissues. Overexpression of DcR2 attenuates TRAIL-induced apoptosis.

SPECIFICATION SUMMARY

Antigen: Peptide corresponding to aa 249-263 of human DcR2 precursor (accession no. Q9UBN6).

Host Species: Rabbit

Stabilizers: None

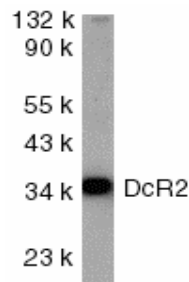
Preservatives: 0.02% sodium azide.

SPECIFICITY

This antibody recognizes full-length DcR2 (34kDa).

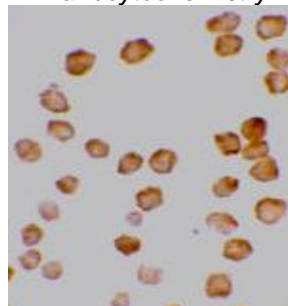
APPLICATIONS

Immunoblotting: use at 1ug/ml.



Western blot analysis of DcR2 in HeLa cell lysate with DcR2 antibody at 1ug/ml.

Immunocytochemistry: use at 10ug/ml.



Immunocytochemical staining of HeLa cells with DcR2 antibody at 10µg/ml.

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

Positive control: Whole cell lysate from HeLa cells.

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.