

QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

Anti-DcR1 (ED) Antibody

ORDERING INFORMATION

Catalog No.: 2179

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

BACKGROUND

Apoptosis is induced by certain cytokines including TNF and Fas ligand through their death domain-containing receptors. TRAIL/Apo2L is a new member of the TNF family that induces apoptosis in a variety of tumor cell lines. DR4 and DR5 are the recently identified functional receptors for TRAIL. Two decoy receptors for TRAIL have been designated DcR1/TRID/TRAIL-R3/LIT and DcR2/TRAIL-R4/TRUNDD. DcR1 has an extracellular TRAIL-binding domain but lacks an intracellular signaling domain. It is a glycosphospholipid-anchored cell surface protein. DcR1 transcripts are expressed in many normal human tissues but not in most cancer cell lines. Overexpression of DcR1 does not induce apoptosis but attenuates TRAIL-induced apoptosis.

SPECIFICATION SUMMARY

Antigen: Peptide corresponding to aa 149-167 at the extracellular domain (ED) of human DcR1 precursor.

Host Species: Rabbit

Stabilizers: None

Preservatives: 0.02% sodium azide.

SPECIFICITY

This antibody recognizes human, mouse, and rat DcR1 (65 kD).

APPLICATIONS

Immunoblotting: use at 1:500–1:1,000 dilution.

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