

# QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

## Anti-DcR1 (ED2) Antibody

### ORDERING INFORMATION

**Catalog No.:** 2299

**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 111-123 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*