

QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

Anti-DcR3 (NT) Antibody

ORDERING INFORMATION

Catalog No.: 2140

Size: 100 ug IgG in PBS, pH 7.4, purified by immunoaffinity chroma-tography.

BACKGROUND

Apoptosis is induced by certain cytokines including TNF and Fas ligand through their death domain-containing receptors.

Several novel members in the TNF receptor family, including DR3, DR4, DR5 and DR6, function as cell death receptors. Two decoy receptors, DcR1 and DcR2, compete with DR4 and DR5 for binding of their ligand, TRAIL. Another decoy receptor, DcR3/TR6 was discovered recently. Unlike DcR1 and DcR2, DcR3 is a soluble rather than a membrane-associated molecule. DcR3 binds to FasL and LIGHT and inhibits FasL- and LIGHT-induced apoptosis. DcR3 transcript is expressed in some lung and colon carcinomas and in some normal tissues.

SPECIFICATION SUMMARY

Antigen: Peptide corresponding to aa 31-46 of human DcR3 precursor.

Host Species: Rabbit

Stabilizers: None

Preservatives: 0.02% sodium azide.

SPECIFICITY

This antibody recognizes human, mouse, and rat DcR3 (33 kD).

APPLICATIONS

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

Positive control: Human heart tissue lysate.

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.