

QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

Anti-DR5 Antibody

ORDERING INFORMATION

Catalog No.: 2421

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 in the TNF family through their death domain-containing receptors.

TRAIL/Apo2L is a new member of the TNF family. A novel death domain-containing receptor for TRAIL was recently identified and designated DR5, Apo2, TRAIL-R2, TRICK2, or KILLER by several independent laboratories.

Like DR4, DR5 transcript is widely expressed in normal tissues and in many types of tumor cells. DR5 binds to TRAIL and mediates TRAIL-induced cell death. Overexpression of DR5 induces apoptosis and activates NF- κ B.

SPECIFICATION SUMMARY

Antigen: Peptide corresponding to aa 388-407 of human DR5 precursor.

Host Species: Rabbit

Stabilizers: None

Preservatives: 0.02% sodium azide.

SPECIFICITY

This antibody recognizes full-length human DR5 (57 kD).

APPLICATIONS

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

Positive control: Whole cell lysate from HeLa cells or K562 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.