

Anti-DR5 Antibody

ORDERING INFORMATION

Catalog No.: 2421

Size: 100ug 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 (accession no. AF012535).

Host Species: Rabbit

Stabilizers: None

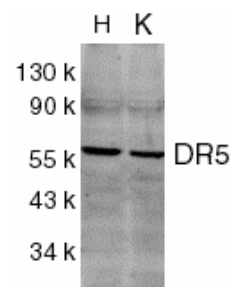
Preservatives: 0.02% sodium azide.

SPECIFICITY

This antibody recognizes full-length human and mouse DR5 (57kDa).

APPLICATIONS

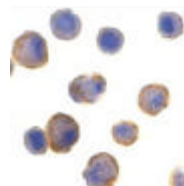
Immunoblotting : use at 2ug/ml.



Western blot analysis of DR5 in HeLa (H) and K562 (K) cell lysates with DR5 antibody at 2 μ g/ml.

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

Immunocytochemistry: use at 5ug/ml.



Immunocytochemical staining of DR5 in HeLa cells with DR5 antibody at 5 μ g/ml.

These are recommended concentrations.

Enduser should determine optimal concentrations for their applications.

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.