

Anti-DR4 (CT) Antibody

ORDERING INFORMATION

Catalog No.: 2404

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

BACKGROUND

Apoptosis is induced by certain cytokines including TNF and Fas ligand of the TNF family through their death domain-containing receptors, TNFR1 and Fas. Another cell death receptor was recently identified and designated DR4. The ligand for DR4 has been designated TRAIL and is a new member of the TNF family. Therefore, DR4 is also called TRAIL receptor-1. DR4 is expressed in most human tissues including spleen, peripheral blood, small intestine, and thymus. Like TNFR1, Fas and DR3, DR4 mediates TRAIL-induced apoptosis and NF- κ B activation in many tissues and cells.

SPECIFICATION SUMMARY

Antigen: Peptide corresponding to aa 427-445 at the C-terminus of human DR4 (accession no. ACC51226).

Host Species: Rabbit

Stabilizers: None

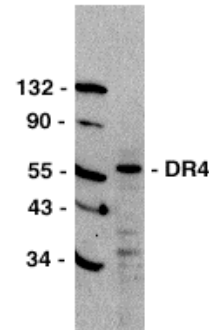
Preservatives: 0.02% sodium azide.

SPECIFICITY

This antibody recognizes full-length human DR4 (57kDa).

APPLICATIONS

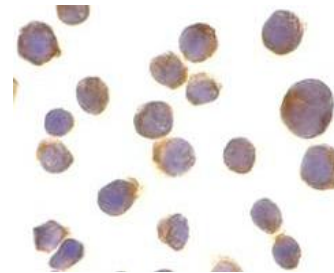
Immunoblotting : use at 1ug/ml.



Western blot analysis of DR4 in HeLa cell lysate with DR4 antibody at 1 μ g/ml.

Positive control: Whole cell lysate from HeLa cells.

Immunocytochemistry: use at 10ug/ml.



Immunocytochemical staining of DR4 in Jurkat cells with DR4 antibody at 10 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.