



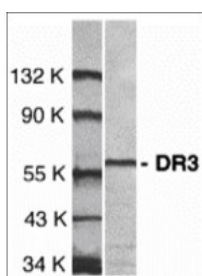
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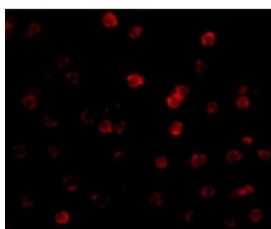
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DR3 Antibody

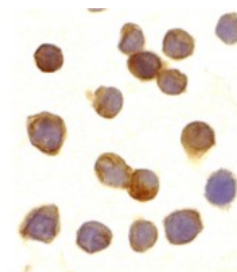
CATALOG NUMBER: 1158



Western blot analysis of DR3 in Jurkat total cell lysate with DR3 antibody at 1:1000 dilution.



Immunofluorescence of DR3 in Jurkat cells with DR3 antibody at 20 ug/mL.



Immunocytochemistry of DR3 in Jurkat cells with DR3 antibody at 10 ug/mL.

Specifications

SPECIES REACTIVITY:	Human, Mouse
TESTED APPLICATIONS:	ELISA, ICC, IF, WB
APPLICATIONS:	DR3 antibody can be used for detection of DR3 expression by Western blot at 1 ug/mL. 59 kDa band should be detected. Antibody can also be used for immunocytochemistry starting at 10 ug/mL. For immunofluorescence start at 20 ug/mL.
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
POSITIVE CONTROL:	1) Cat. No. 1205 - Jurkat Cell Lysate 2) Cat. No. 17-005 - Jurkat Cell Slide
PREDICTED MOLECULAR WEIGHT:	59 kDa
IMMUNOGEN:	DR3 antibody was raised against a peptide corresponding to amino acids in extracellular domain of human DR3 precursor. The immunogen is located within amino acids 50 - 100 of DR3.
HOST SPECIES:	Rabbit

Properties

PURIFICATION:	DR3 Antibody is Antibody is DEAE purified.
PHYSICAL STATE:	Liquid
BUFFER:	DR3 Antibody is supplied in PBS containing 0.02% sodium azide.
STORAGE CONDITIONS:	DR3 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
CLONALITY:	Polyclonal
ISOTYPE:	IgG

CONJUGATE: Unconjugated

Additional Info

ALTERNATE NAMES: DR3 Antibody: DR3, TR3, DDR3, LARD, APO-3, TRAMP, WSL-1, WSL-LR, TNFRSF12, APO3, DR3, WSL, WSL1, UNQ455/PRO779, Tumor necrosis factor receptor superfamily member 25, Apo-3

ACCESSION NO.: AAQ88676

PROTEIN GI NO.: 37181738

OFFICIAL SYMBOL: TNFRSF25

GENE ID: 8718

Background

BACKGROUND: DR3 Antibody: Apoptosis, or programmed cell death, occurs during normal cellular differentiation and development of multicellular organisms. Apoptosis is induced by certain cytokines including TNF and Fas ligand of the TNF family through their death domain containing receptors, TNFR1 and Fas. A novel cell death receptor was recently identified by several groups independently and designated DR3, Wsl-1, Apo-3, TRAMP and LARD1-5. The ligand for this novel death receptor has been defined as TWEAK, also termed Apo3L. DR3 is highly expressed in the tissues enriched in lymphocytes including PBL, thymus and spleen. Like TNFR1, DR3 induces apoptosis and NF- κ B activation.

REFERENCES: 1) Chinnaiyan AM; O'Rourke K; Yu GL; Lyons RH; Garg M; Duan DR; Xing L; Gentz R; Ni J; Dixit VM. Science, 1996;274:990-2.

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FOR RESEARCH USE ONLY

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