

## DR3 Antibody

Catalog No: #24032

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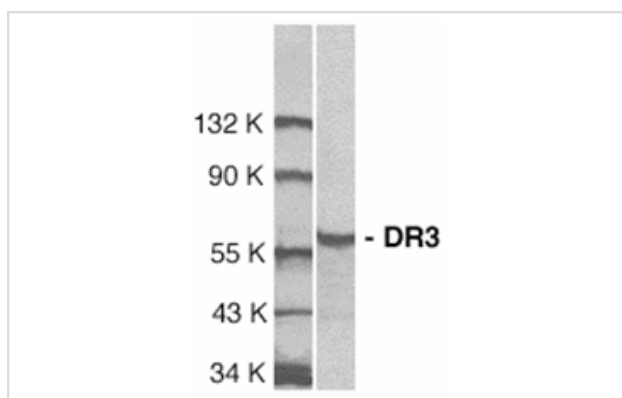
## Description

Product Name	DR3 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	DEAE purified
Applications	ELISA WB
Species Reactivity	Hu Ms
Specificity	DR3 has no cross reaction to other death receptors.
Immunogen Type	Peptide
Immunogen Description	Raised against a peptide corresponding to amino acids 25 to 40 of human DR3 precursor.
Target Name	DR3
Other Names	Wsl-1, Apo-3
Accession No.	Swiss-Prot:Q93038Gene ID:8718
Uniprot	Q93038
GeneID	8718;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.

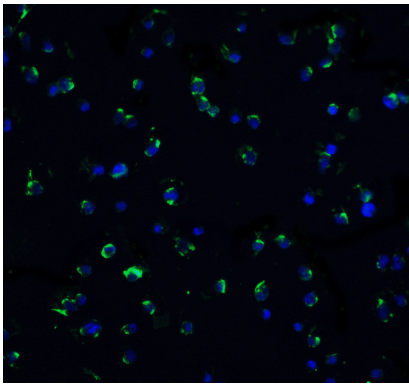
## Application Details

Predicted MW: 59 kd

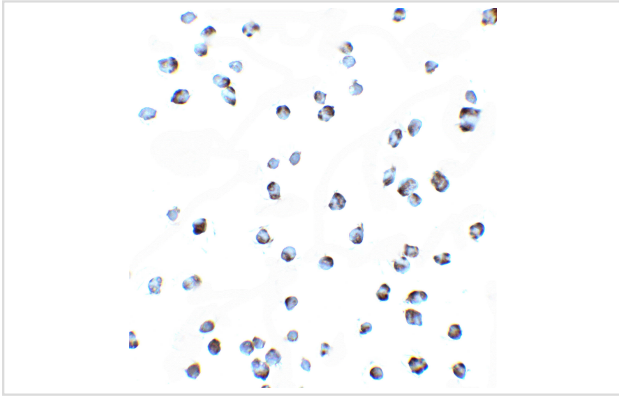
## Images



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 5  $\mu$ g/ml.



Immunocytochemistry of DR3 in Jurkat cells with DR3 antibody at 5  $\mu$ g/ml.

## Background

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- $\kappa$ B activation.

Note: This product is for in vitro research use only