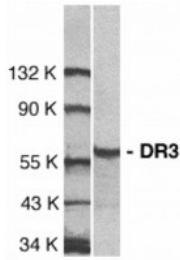


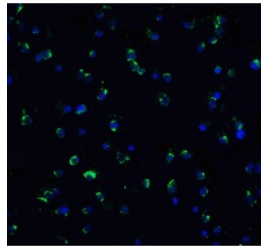


## DR3 Antibody

Cat. No.: 1166



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.

Green: DR3 Antibody (1166)  
Blue: DAPI staining

## Ψ SPECIFICATIONS

<b>HOST SPECIES:</b>	Rabbit
<b>SPECIES REACTIVITY:</b>	Human, Mouse
<b>IMMUNOGEN:</b>	DR3 antibody was raised against a 16 amino acid peptide near the amino terminus of human DR3. The immunogen is located within the first 50 amino acids of DR3.
<b>TESTED APPLICATIONS:</b>	ELISA, IF, WB
<b>APPLICATIONS:</b>	DR3 antibody can be used for detection of DR3 by Western blot 1 ug/mL. A 59 kDa band can be detected. Antibody validated: Western Blot in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.
<b>SPECIFICITY:</b>	DR3 has no cross reaction to other death receptors.
<b>POSITIVE CONTROL:</b>	1) Cat. No. 1205 - Jurkat Cell Lysate
<b>PREDICTED MOLECULAR WEIGHT:</b>	59 kDa

<b>PURIFICATION:</b>	DR3 Antibody is Antibody is DEAE purified.
<b>CLONALITY:</b>	Polyclonal
<b>ISOTYPE:</b>	IgG
<b>CONJUGATE:</b>	Unconjugated
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	DR3 Antibody is supplied in PBS containing 0.02% sodium azide.
<b>CONCENTRATION:</b>	batch dependent
<b>STORAGE CONDITIONS:</b>	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.

## Ψ ADDITIONAL INFO

<b>OFFICIAL SYMBOL:</b>	TNFRSF25
<b>ALTERNATE NAMES:</b>	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
<b>ACCESSION NO.:</b>	AAQ88676
<b>PROTEIN GI NO.:</b>	37181738
<b>GENE ID:</b>	8718
<b>USER NOTE:</b>	Optimal dilutions for each application to be determined by the researcher.

## Ψ BACKGROUND AND REFERENCES

<b>BACKGROUND:</b>	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-κB activation.
<b>REFERENCES:</b>	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. 2) Kitson J; Raven T; Jiang YP; Goeddel DV; Giles KM; Pun KT; Grinham CJ; Brown R; Farrow SN. Nature, 1996;384:372-5. 3) Marsters SA; Sheridan JP; Donahue CJ; Pitti RM; Gray CL; Goddard AD; Bauer KD; Ashkenazi A. Curr Biol, 1996;6:1669-76. 4) Bodmer JL; Burns K; Schneider P; Hofmann K; Steiner V; Thome M; Bornand T; Hahne M; Schroter M; Becker K; et al. Immunity, 1997;6:79-88.

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