

Polyclonal Antibody to human DR3/TRAMP/Wsl-1

Alternate names:	APO3, Apo-3, Apoptosis-inducing receptor AIR, Apoptosis-mediating receptor DR3, Apoptosis-mediating receptor TRAMP, DDR-3, DDR3, DR-3, DR3, LARD, Lymphocyte-associated receptor of death, TNFRSF12, TNFRSF25, WSL, WSL protein, WSL-1 protein, WSL1
Catalog No.:	SP7062P
Quantity:	0.1 mg
Concentration:	0.5 mg/ml
Host:	Rabbit
Immunogen:	Synthetic peptide corresponding to amino acid 59 to 77 in extracellular domain (ED) of human DR3 precursor
Applications:	<p>This polyclonal antibody can be used for detection of DR3 expression by Western blot at 1:500 to 1:1000 dilution. Whole cell lysate from Jurkat cells can be used as positive control and a 59 KDa band should be detected. Since the ligand for DR3 has not been found, this antibody may be useful for receptor engagement to perform function studies of this novel death receptor. Optimal dilutions of this antibody are dependent on conditions and should be determined by the user.</p> <p>Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.</p>
Specificity:	<p>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 cell death receptor has not yet been defined. DR3 is highly expressed in the tissues enriched in lymphocytes including PBL, thymus and spleen. Like TNFR1, DR3 induces apoptosis and NF-κB activation. This antibody is specific for human DR2/TRAMP/Wsl-1.</p>
Storage:	Store the antibody at 4-8°C for one month or at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	<ol style="list-style-type: none"> 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. Kitson J; Raven T; Jiang YP; Goeddel DV; Giles KM; Pun KT; Grinham CJ; Brown R; Farrow SN. Nature, 1996;384:372-5. Marsters SA; Sheridan JP; Donahue CJ; Pitti RM; Gray CL; Goddard AD; Bauer KD; Ashkenazi A. Curr Biol, 1996;6:1669-76. 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. Screaton GR; Xu XN; Olsen AL; Cowper AE; Tan