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Polyclonal Antibody to DR3 (ED) Wsl-1, Apo-3, TRAMP, LARD

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.: SP6254P

Quantity: 50 µg

Concentration: 0.5 mg/ml

Host: Rabbit

Immunogen: Rabbit anti-DR3 (ED) polyclonal antibody was raised against a peptide corresponding to amino acids 59 to 77 in extracellular domain (ED) of human DR3 precusor1,2. Peptide available as SP6254CP.

Applications: Western blot: 1:500 - 1:1000. Jurkat total cell lysate can be used as positive control and a 59 kDa band should be detected. Other applications not tested. Optimal dilutions of this antibody are dependent on conditions and should be determined by the user.
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Specificity: This antibody recognises a 59kD apoptosis related protein designated DR3 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-?B activation.
Cross reacts with mouse.

Storage: Store the antibody at 4-8°C for one month or at -20°C for longer. This product should be stored undiluted. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:

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.

5. Screaton GR; Xu XN; Olsen AL; Cowper AE; Tan