
Anti-Human DR3 Purified

Catalog Number: 14-6603

Also Known As: TRAMP, Apo-3, TRAIL Receptor family, Tyrosine-rich acidic matrix protein

RUO: For Research Use Only. Not for use in diagnostic procedures.

Product Information

Contents: Anti-Human DR3 Purified

REF **Catalog Number:** 14-6603

Clone: JD3

Concentration: 0.5 mg/mL


Host/Isotype: Mouse IgG1, kappa

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer

 **Temperature Limitation:** Store at 2-8°C.

LOT **Batch Code:** Refer to Vial

 **Use By:** Refer to Vial

 **Caution, contains Azide**

Description

The JD3 monoclonal antibody reacts with human DR3, also known as Apo-3, WSL-1, TRAMP, LARD, DDR3, and TR3. DR3, a novel death receptor is expressed at low level by monocytes and granulocytes. Interaction of DR3 with its ligand activates NF-kappa B pathway and induces apoptosis. Initially, DR3 was thought to be a receptor for TWEAK, but further studies have shown that TWEAK could induce apoptosis via receptors distinct from DR3. JD3 has been reported for use in flow cytometric analysis.

Applications Reported

The JD3 antibody has been reported for use in flow cytometric analysis.

Applications Tested

The JD3 antibody has been tested by flow cytometric analysis of human peripheral leukocytes and human DR3-transfected cells. This can be used at less than or equal to 1 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

References

Nakayama M, Ishidoh K, Kayagaki N, Kojima Y, Yamaguchi N, Nakano H, Kominami E, Okumura K, Yagita H. Multiple pathways of TWEAK-induced cell death. *J Immunol.* 2002 Jan 15;168(2):734-43.

Nakayama M, Kayagaki N, Yamaguchi N, Okumura K, Yagita H. Involvement of TWEAK in interferon gamma-stimulated monocyte cytotoxicity. *J Exp Med.* 2000 Nov 6;192(9):1373-80.

Related Products

11-4011 Anti-Mouse IgG FITC

14-4714 Mouse IgG1 K Isotype Control Purified (P3.6.2.1)

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