

Product Data Sheet

Purified anti-human DR3 (TRAMP)

Catalog # / Size: 307102 / 100 µg

Clone: JD3

Isotype: Mouse IgG1, κ

Immunogen: human DR3-Ig fusion protein

Reactivity: Human

Preparation: The antibody was purified by affinity chromatography.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Concentration: 0.5 mg/ml

Storage: The antibody solution should be stored undiluted at 4°C.

Applications:

Applications: FC - *Quality tested*

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For immunofluorescent staining, the suggested use of this reagent is ≤0.5 µg per million cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.

Application Notes: Additional reported applications (for the relevant formats) include: The JD3 antibody is useful for immunofluorescent staining and flow cytometric analysis of DR3/TRAMP receptor expression. For most successful immunofluorescent staining results, it may be important to maximize signal over background by using a relatively bright fluorochrome-antibody conjugate (Cat. No. 307106) or by using a high sensitivity, three-layer staining technique (e.g., including a biotinylated antibody (Cat. No. 307104) or biotinylated anti-mouse IgG second step (Cat. No. 405303), followed by SAv-PE (Cat. No. 405204)).

Application References: 1. Nakayama M, *et al.* 2002. *J. Immunol.* 168:734.

Description: DR3 is also known as TNFRSF25, Apo-3, WSL-1, TRAMP, LARD, DDR3, and TR3. It is a member of the TNF receptor family expressed at low level by monocytes and granulocytes. Interaction of DR3 with its ligand (TWEAK), activates the NF-κB pathway and induces apoptosis.

Antigen References: 1. Nakayama M, *et al.* 2002. *J. Immunol.* 168:734.
2. Nakayama M, *et al.* 2000. *J. Exp. Med.* 192:1373.

Related Products:

Product	Clone	Application
Purified anti-human CD262 (DR5, TRAIL-R2)	DJR2-2 (2-6)	FC
Purified anti-human CD262 (DR5, TRAIL-R2)	DJR2-4 (7-8)	FC
Purified anti-human CD261 (DR4, TRAIL-R1)	DJR1	FC
Purified anti-human DcR1 (TRAIL-R3, CD263)	DJR3	FC
Purified Mouse IgG1, κ Isotype Ctrl	MOPC-21	FC, ICFC, ICC, IF, IHC, IP, WB
APC Goat anti-mouse IgG (minimal x-reactivity)	Poly4053	FC
Biotin Goat anti-mouse IgG (minimal x-reactivity)	Poly4053	FC, ELISA, IHC, IF, WB
FITC Goat anti-mouse IgG (minimal x-reactivity)	Poly4053	FC
PE Goat anti-mouse IgG (minimal x-reactivity)	Poly4053	FC
Cell Staining Buffer		FC, ICC, ICFC
RBC Lysis Buffer (10X)		FC, ICFC
Purified anti-human CD264 (TRAIL-R4, DcR2)	DJR4-1	FC
Purified anti-human CD264 (TRAIL-R4, DcR2)	DJR4-2	FC



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