

PE anti-human DR3 (TRAMP)

Catalog # / Size: 307105 / 25 tests
307106 / 100 tests

Clone: JD3

Isotype: Mouse IgG1, κ

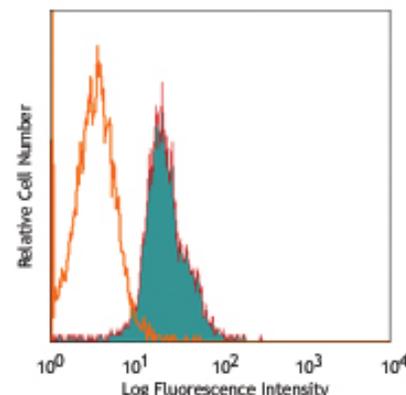
Immunogen: human DR3-Ig fusion protein

Reactivity: Human

Preparation: The antibody was purified by affinity chromatography, and conjugated with PE under optimal conditions. The solution is free of unconjugated PE and unconjugated antibody.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA (origin USA).

Storage: The antibody solution should be stored undiluted at 4°C and protected from prolonged exposure to light. **Do not freeze.**



Human Tramp transfected cells stained with JD3 PE

Applications:

Applications: FC - Quality tested

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. **Test size products are transitioning from 20 μ l to 5 μ l per test.** Please check your vial or your CoA to find the suggested use of this reagent per million cells in 100 μ l staining volume or per 100 μ l of whole blood. It is recommended that the reagent be titrated for optimal performance for each application. Read more at www.biolegend.com/testsize regarding the test size change.

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.
2. Cavanlini C, *et al.* 2013. *PLoS One.* 8:60136. PubMed.

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- κ B 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
PE anti-human CD262 (DR5, TRAIL-R2)	DJR2-4 (7-8)	FC
PE anti-human CD261 (DR4, TRAIL-R1)	DJR1	FC
PE anti-human DcR1 (TRAIL-R3, CD263)	DJR3	FC
PE Mouse IgG1, κ Isotype Ctrl	MOPC-21	FC, ICFC
Cell Staining Buffer		FC, ICC, ICFC
RBC Lysis Buffer (10X)		FC, ICFC
PE anti-human CD264 (TRAIL-R4, DcR2)	DJR4-1	FC
PE anti-human CD264 (TRAIL-R4, DcR2)	DJR4-2	FC
Human TruStain FcX™ (Fc Receptor Blocking Solution)		FC, ICC, ICFC



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