

# Product Data Sheet

## PE anti-human DcR1 (TRAIL-R3, CD263)

**Catalog # / Size:** 307005 / 25 tests  
307006 / 100 tests

**Clone:** DJR3

**Isotype:** Mouse IgG1,  $\kappa$

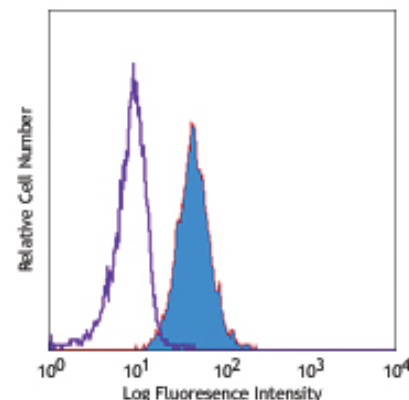
**Immunogen:** Extracellular domain of DcR1-human IgG1 Fc fusion protein

**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 peripheral blood granulocytes stained with DJR3 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  $\mu$ l to 5  $\mu$ l per test.** Please check your vial or your CoA to find the suggested use of this reagent per million cells in 100  $\mu$ l staining volume or per 100  $\mu$ 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](http://www.biolegend.com/testsize) regarding the test size change.

**Application Notes:** Additional reported applications (for the relevant formats) include: The DJR3 antibody is useful for immunofluorescent staining and flow cytometric analysis of DcR1/TRAIL-R3 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. 307006) or by using a high sensitivity, three-layer staining technique (e.g., including a biotinylated antibody (Cat. No. 307004) or biotinylated anti-mouse IgG second step (Cat. No. 405303), followed by SAV-PE (Cat. No. 405204)).

**Application References:** 1. Uno K, *et al.* 2003. *Blood* 101:3658.  
2. Sato K, *et al.* 2005. *J. Immunol.* 174:4025.

**Description:** DcR1 is a 65 kD GPI-anchored member of the TNFR superfamily (TNFRSF10C) also known as TRAIL-R3, TRID, CD263, and LIT. Although not expressed by most tumors, DcR1 is expressed at low levels on normal tissues, acting as a TRAIL decoy receptor, thus inhibiting apoptosis. DcR1 is termed a decoy receptor, as it does not have a functional death domain to induce apoptosis following TRAIL ligation.

**Antigen References:** 1. Schneider P, *et al.* 1997. *J. Biol. Chem.* 272:25417.  
2. Pan G, *et al.* 1997. *Science* 277:815.

### Related Products:

**Product**  
PE anti-human CD262 (DR5, TRAIL-R2)  
PE anti-human CD261 (DR4, TRAIL-R1)  
PE anti-human DR3 (TRAMP)  
PE Mouse IgG1,  $\kappa$  Isotype Ctrl  
Cell Staining Buffer  
RBC Lysis Buffer (10X)  
PE anti-human CD264 (TRAIL-R4, DcR2)  
PE anti-human CD264 (TRAIL-R4, DcR2)  
Human TruStain FcX™ (Fc Receptor Blocking Solution)

**Clone**  
DJR2-4 (7-8)  
DJR1  
JD3  
MOPC-21

DJR4-1  
DJR4-2

**Application**  
FC  
FC  
FC  
FC, ICFC  
FC, ICC, ICFC  
FC, ICFC  
FC  
FC  
FC, ICC, ICFC



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