

Product Data Sheet

APC anti-human CD262 (DR5, TRAIL-R2)

Catalog # / Size: 307407 / 25 tests
307408 / 100 tests

Clone: DJR2-4 (7-8)

Isotype: Mouse IgG1, κ

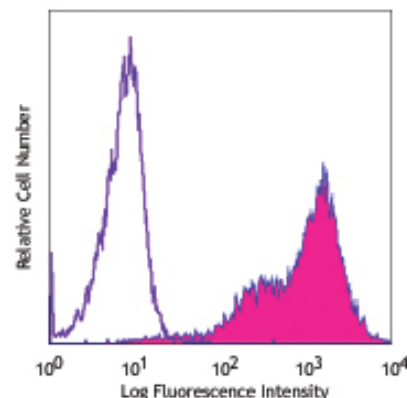
Immunogen: Extracellular domain of DR5-human IgG1 Fc fusion protein

Reactivity: Human

Preparation: The antibody was purified by affinity chromatography, and conjugated with APC under optimal conditions. The solution is free of unconjugated APC 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 DR5-transfected cells stained with DJR2-4 APC

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 References:

1. Uno K, *et al.* 2003. *Blood* 101:3658.
2. Sato K, *et al.* 2005. *J. Immunol.* 174:4025.
3. Lundqvist A, *et al.* 2006. *Cancer Res.* 14:7317. PubMed

Description: DR5 is 55 kD member 10B of the TNF receptor superfamily (TNFRSF10B), also known as TRAIL-R2, TRICK2, KILLER, and CD262. It binds the cytotoxic ligand TRAIL and induces apoptosis. The DR5 receptor is broadly expressed on a variety of normal tissues and many tumors. DR5 expression has been reported to be upregulated in human cells by interferon- α , 2-methoxyestradiol, and paclitaxel, and downregulated by adenoviral E3 proteins.

Antigen References:

1. MacFarlane M, *et al.* 1997. *J. Biol. Chem.* 272:25417.
2. Walczak H, *et al.* 1997. *EMBO J.* 16:5386.
3. Shigeno M, *et al.* 2003. *Oncogene* 22:1653.
4. LaVallee T, *et al.* 2003. *Cancer Res.* 63:468.
5. Nimmanapalli R, *et al.* 2001. *Cancer Res.* 61:759

Related Products:

Product
APC Mouse IgG1, κ Isotype Ctrl
Cell Staining Buffer
RBC Lysis Buffer (10X)
Human TruStain FcX™ (Fc Receptor Blocking Solution)

Clone
MOPC-21

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



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