

PE anti-human CD262 (DR5, TRAIL-R2) Antibody

Catalog# / Size	390705 / 25 tests 390706 / 100 tests
Clone	A211211
Regulatory Status	RUO
Other Names	TRAIL-R2, KILLER, TRICK2, TNFRSF10B, Ly98, CD262
Isotype	Mouse IgG2a, κ
Description	DR5, also known as TRAIL-R2, TRICK2, KILLER, and CD262, is 55 kD member 10B of the TNF receptor superfamily (TNFRSF10B). 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.

Product Details

Verified Reactivity	Human
Antibody Type	Monoclonal
Host Species	Mouse
Immunogen	Recombinant Human TNFRSF10B
Formulation	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and BSA (origin USA)
Preparation	The antibody was purified by affinity chromatography and conjugated with PE under optimal conditions.
Concentration	Lot-specific (to obtain lot-specific concentration and expiration, please enter the lot number in our Certificate of Analysis online tool.)
Storage & Handling	The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze.
Application	FC - Quality tested
Recommended Usage	Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis . For flow cytometric staining, the suggested use of this reagent is 5 µL per million cells in 100 µL staining volume or 5 µL per 100 µL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.
Excitation Laser	Blue Laser (488 nm) Green Laser (532 nm)/Yellow-Green Laser (561 nm)
Application Notes	Clone A211211 does not block the staining of reference clone DJR2-4 (7-8) Recombinant protein completely blocks the staining of test clone A211211.
RRID	AB_3662287 (BioLegend Cat. No. 390705) AB_3662287 (BioLegend Cat. No. 390706)

Antigen Details

Structure	TNFR superfamily, 55 kD
Distribution	Broadly expressed on normal and tumor cells
Function	Induces apoptosis
Ligand/Receptor	TRAIL

Biology Area Apoptosis/Tumor Suppressors/Cell Death, Cell Biology, Immunology

Molecular Family CD Molecules, Cytokine/Chemokine Receptors

Antigen References

1. MacFarlane M, *et al.* 1997. *J Biol Chem.* 272:25417-20.
2. Walczak H, *et al.* 1997. *EMBO J.* 16:5386-97.
3. Shigeno M, *et al.* 2003. *Oncogene.* 22:1653-62.
4. LaVallee TM, *et al.* 2003. *Cancer Res.* 63:468-75.
5. Nimmanapalli R, *et al.* 2001. *Cancer Res.* 61:759-63.

Gene ID [8795](#)

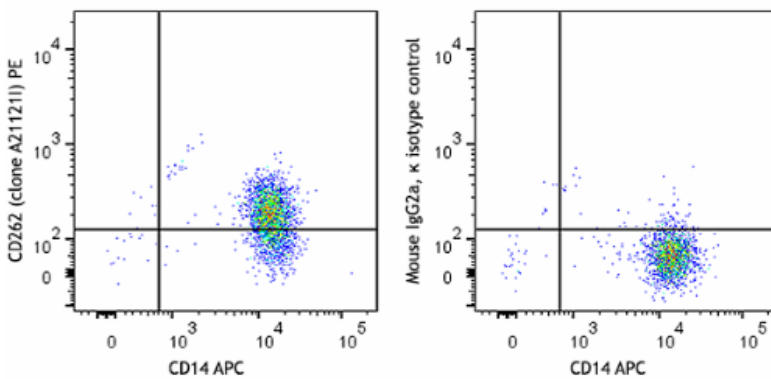
Related Protocols

- [Cell Surface Flow Cytometry Staining Protocol](#)

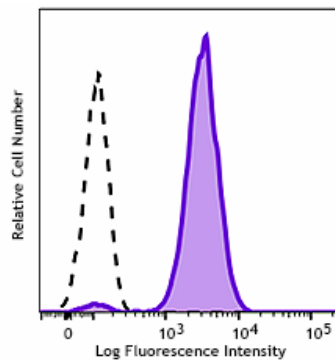
Other Formats

Purified anti-human CD262 (DR5, TRAIL-R2), PE anti-human CD262 (DR5, TRAIL-R2)

Product Data



Human peripheral blood monocytes were stained with anti-human CD14 (clone HCD14) APC and anti-human CD262 (DR5, TRAIL-R2) (clone A211211) PE (left) or mouse IgG2a, κ PE isotype control (right).



Human monocytic cell line, U937, was stained with anti-human CD262 (DR5, TRAIL-R2) (clone A211211) PE (filled histogram) or mouse IgG2a, κ PE isotype control (open histogram).

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