

Product Data Sheet

PE anti-human CD275 (B7-H2, ICOSL)

Catalog # / Size: 309403 / 25 tests
309404 / 100 tests

Clone: 2D3

Isotype: Mouse IgG2b, κ

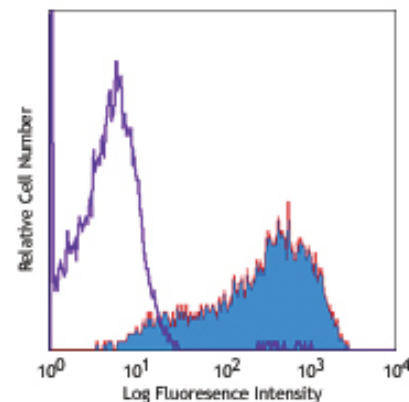
Immunogen: Human B7H2-mIg fusion protein

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 monocyte-derived dendritic cells stained with 2D3 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: immunoprecipitation.

Application References: 1. Kurosawa S, *et al.* 2003. *Am. J. Respir. Cell Mol. Biol.* 28:563.
2. Schatton T, *et al.* 2010. *Cancer Res.* 70:697. PubMed

Description: B7-H2, a member of the B7 family and the immunoglobulin superfamily, is a 40 kD protein also known as B7RP-1, B7h, B7-H2, GL50 and ICOS Ligand. Human B7-H2 is expressed by activated monocytes/macrophages and dendritic cells. B7-H2 binds to a CD28-like receptor, inducible costimulator molecule (ICOS, AILIM, CRP-1), which is expressed by activated T cells. The interaction of ICOS with B7-H2 plays an important role in the T cell costimulation pathway.

Antigen References: 1. Wang S, *et al.* 2002. *J. Biol. Chem.* 96:2808.
2. Wong SC, *et al.* 2003. *Blood* 102:1831.

Related Products:

Product	Clone	Application
PE anti-human CD80	2D10	FC
PE anti-human CD86	IT2.2	FC
PE Mouse IgG2b, κ Isotype Ctrl	MPC-11	FC, ICFC
Cell Staining Buffer		FC, ICC, ICFC
RBC Lysis Buffer (10X)		FC, ICFC
Human TruStain FcX™ (Fc Receptor Blocking Solution)		FC, ICC, ICFC



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