SONY

Product Data Sheet

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

Catalog # / Size: 2147020 / 100 tests
2147015 / 25 tests

Clone: 2D3

Isotype: Mouse IgG2b, κ

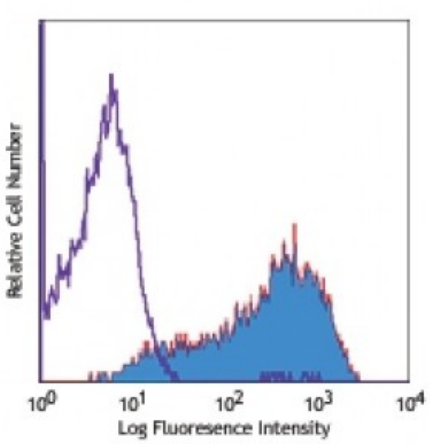
Immunogen: Human B7H2-mIg fusion protein

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).

Concentration: Lot-specific



Human monocyte-derived dendritic cells stained with 2D3 PE

Applications:

Applications: Flow Cytometry

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 microL to 5 microL per test**. Please check your vial or your CoA to find the suggested use of this reagent per million cells in 100 microL staining volume or per 100 microL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

Application References:

1. Kurosawa S, *et al.* 2003. *Am. J. Respir. Cell Mol. Biol.* 28:563.

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.

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