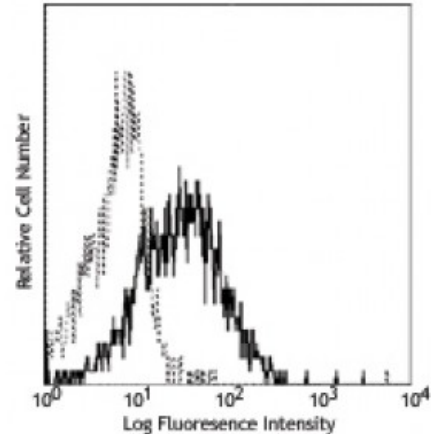


Purified anti-human CD275 (B7-H2, ICOSL)

Catalog # / Size: 2147010 / 100 µg
Clone: 2D3
Isotype: Mouse IgG2b, κ
Immunogen: Human B7H2-mlg fusion protein
Reactivity: Human
Preparation: The antibody was purified by affinity chromatography.
Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Concentration: 0.5



Human monocyte-derived dendritic cells stained with purified 2D3, then detected with biotinylated anti-mouse IgGs and Sav-PE

Applications:

Applications: Other

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 ≤ 0.5 microg per million cells in 100 microL volume. 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.