full spectrum cell analysis®
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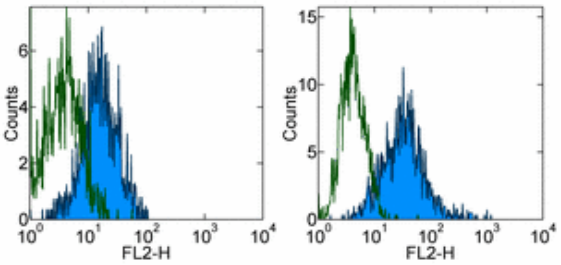
Anti-Human B7-H4 PE

Catalog Number: 12-5949
Also Known As:B7H4, B7S1, B7-S1, B7X
RUO: For Research Use Only



Staining of non-transfected (left) and human B7-H4-transfected (right) 293T cells with Mouse IgG1 κ Isotype Control PE (cat. 12-4714) (open histogram) or Anti-Human B7-H4 PE (filled histogram). Total cells were used for analysis.

Product Information

Contents: Anti-Human B7-H4 PE
REF Catalog Number: 12-5949
Clone: H74
Concentration: 5 µl (0.125 µg)/test
Host/Isotype: Mouse IgG1, κ

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Temperature Limitation: Store at 2-8°C. Do not freeze. Light sensitive material.
LOT Batch Code: Refer to Vial
Use By: Refer to Vial
Caution, contains Azide

Description

The H74 monoclonal antibody was generated and reacts with human B7-S1, also known as B7-H4 and B7x. Cross reactivity of this antibody to other proteins has not been determined. B7S1 is a newly discovered member of the B7 family. It is speculated that the costimulatory regulation of T cells by B7S1 is influenced by the activation status of B cells. While it is reported that BTLA is a counter receptor for B7S1, further studies are needed to definitely determine the B7-H4 ligand. H74 stains human B7-H4 transfected cells and not peripheral blood cells. Exact expression pattern of B7-H4 has not been fully characterized.

Applications Reported

This H74 antibody has been reported for use in flow cytometric analysis.

Applications Tested

This H74 antibody has been pre-titrated and tested by flow cytometric analysis of transient hB7-H4 transfected cells. This can be used at 5 µl (0.125 µg)/per test. A test is defined as the amount (µg)/test of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 11^5 to 10^8 cells/test.

Related Products

12-4714 Mouse IgG1 K Isotype Control PE

Tel: 888.999.1371 or 858.642.2058 • Fax: 858.642.2046 • www.eBioscience.com • info@eBioscience.com