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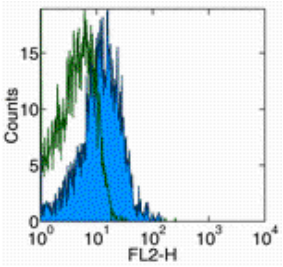
Anti-Human CD274 (B7-H1) Functional Grade Purified

Catalog Number: 16-5983
Also Known As:PD-L1
RUO: For Research Use Only. Not for use in diagnostic procedures.



Staining of normal human peripheral blood cells with Anti-Human CD274 (B7-H1) PE. Appropriate isotype controls were used (open histogram). Cells in the lymphocyte population were used for analysis.

Product Information

Contents: Anti-Human CD274 (B7-H1) Functional Grade Purified
REF **Catalog Number:** 16-5983
Clone: MIH1
Concentration: 1 mg/mL
Host/Isotype: Mouse IgG1
Handling Conditions: Use in sterile environment.
Endotoxin Level: Less than 0.001 ng/ug antibody, as determined by the LAL assay.

Formulation: aqueous buffer, no sodium azide
Temperature Limitation: Store at 2-8°C.
LOT **Batch Code:** Refer to Vial
Use By: Refer to Vial

Description

The MIH1 monoclonal antibody reacts with human B7-H1, also known as PD-L1. B7-H1, a member of the B7 family, has a predicted molecular weight of approximately 40 kDa and belongs to the Ig superfamily. B7-H1 is expressed on a majority of leukocytes. B7-H1 is a ligand for PD-1. Interaction of PD-1 with either PD-L1 (B7-H1) or PD-L2 (B7-DC) results in inhibition of T and B cell responses. MIH1 is reported to be a blocking antibody.

Applications Reported

The MIH1 antibody has been reported for use in flow cytometric analysis. It has also been reported in blocking in *in vitro* functional assays.

Applications Tested

The MIH1 antibody has been tested by flow cytometric analysis of human peripheral leukocytes. This can be used at less than or equal to 1 µg per test. A test is defined as the amount (µg) 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 10^5 to 10^8 cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

References

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Related Products
11-4011 Anti-Mouse IgG FITC
16-4714 Mouse IgG1 K Isotype Control Functional Grade Purified (P3.6.2.1)

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