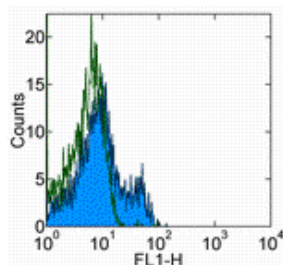


Anti-Human CD150 Purified

Catalog Number: 14-1509

Also Known As: SLAM, IPO-3, IPO3, SLAMF1

RUO: For Research Use Only. Not for use in diagnostic procedures.



Staining of normal human peripheral blood cells with 1 ug of Mouse IgG1 K Isotype Control Purified (cat. 14-4714) (open histogram) or 1 ug of Anti-Human CD150 Purified (filled histogram) followed by Anti-Mouse IgG FITC (cat. 11-4011). Cells in the lymphocyte gate were used for analysis.

Product Information

Contents: Anti-Human CD150 Purified

REF **Catalog Number:** 14-1509

Clone: A12 (7D4)

Concentration: 0.5 mg/mL

Host/Isotype: Mouse IgG1, kappa

HLDA Workshop: N/A

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer



Temperature Limitation: Store at 2-8°C.



Batch Code: Refer to Vial



Use By: Refer to Vial



Caution, contains Azide

Description

The A12 monoclonal antibody reacts with human CD150, an ~70 kDa transmembrane glycoprotein also known as Signaling Lymphocyte Activation Molecule (SLAM). CD150 is expressed by T and B cells and its expression is rapidly upregulated on these cells upon activation. Immature thymocytes and dendritic cells also express this antigen. Signaling through SLAM induces proliferation and cytokine production of T cells and SLAM plays a role in activation of T and B cells.

Applications Reported

A12 (7D4) has been reported for use in flow cytometric analysis, and immunohistochemical staining. A12 has also been reported *in vitro* functional studies. (Please use Functional Grade purified A12 (7D4), cat. 16-1509, in functional assays.)

Applications Tested

The A12 (7D4) antibody has been tested by flow cytometric analysis of human peripheral blood 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 10⁵ to 10⁸ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

References

Cocks BG, Chang CC, Carballido JM, Yssel H, de Vries JE, Aversa G. A novel receptor involved in T-cell activation. *Nature*. 1995 Jul 20;376(6537):260-3. (**A12**, FA)

Related Products

11-4011 Anti-Mouse IgG FITC

14-4714 Mouse IgG1 K Isotype Control Purified (P3.6.2.1)

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