

Anti-Hu CD150 Purified Azide Free SLAMF1 Monoclonal Antibody

Catalog Number: M03988

About SLAMF1

CD150, also known as SLAM (signaling lymphocyte activation molecule) is a 70-95 kDa single chain transmembrane phosphoglycoprotein of the CD2 family. Its extracellular part contains eight potential N-glycosylation sites, and the intracellular tail contains three unique tyrosine-based motifs. These binding sites can be recognized by SH2-binding phosphatases and the adaptor proteins, such as SAP/SH2D1A or EAT-2. The SLAM family receptors are involved in leucocyte activation and contribute to the effective germinal center formation, generation of high-affinity antibody-secreting plasma cells, and memory T and B cells, thereby facilitating long-term immune response. CD150 expression is upregulated after cell activation.

Overview

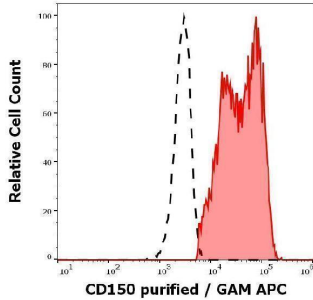
Product Name	Anti-Hu CD150 Purified Azide Free SLAMF1 Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-Hu CD150 Purified Azide Free SLAMF1 Monoclonal Antibody (Catalog# M03988). Tested in Flow Cytometry, IP, ICC application(s). This antibody reacts with Human.
Application	Flow Cytometry, IP, ICC
Clonality	Monoclonal SLAM.4
Formulation	Phosphate buffered saline (PBS), pH 7.4, azide-free
Storage Instructions	Store at 2-8°C. Do not freeze.
Host	Mouse
Uniprot ID	Q13291

Technical Details

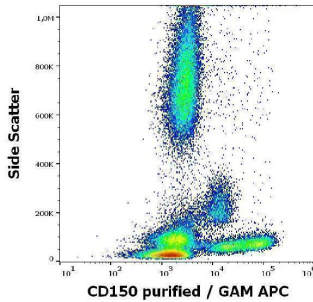
Immunogen	Human CD150-transfected 300.19 cells. The mouse monoclonal antibody SLAM.4 recognizes an extracellular epitope of CD150, a cell surface molecule expressed on lymphocytes and involved in their activation.
Predicted Reactive Species	Primate
Cross Reactivity	This antibody does not cross-react with Thy-1.1 alloantigen.
Isotype	Mouse IgG1
Form	Liquid
Concentration	1 mg/ml

Purification	Purified by protein-A affinity chromatography.
Suggested Dilutions	Flow cytometry: 1-5 ug/ml.

Anti-Hu CD150 Purified Azide Free SLAMF1 Monoclonal Antibody (M03988) Images



Separation of human CD150 positive lymphocytes (red-filled) from neutrophil granulocytes (black-dashed) in flow cytometry analysis (surface staining) of peripheral whole blood stained using anti-human CD150 (SLAM.4) purified antibody (concentration in sample 5 $\mu\text{g/ml}$, GAM APC).



Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD150 (SLAM.4) purified antibody (concentration in sample 5 $\mu\text{g/ml}$, GAM APC).

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