Mouse anti-Human CD150 Monoclonal Antibody | anti-CD150 antibody

Anti-Hu CD150 APC

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA128959	**Mouse**	**Human**	**Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

CD150; Monoclonal Antibody; Anti-Hu CD150 APC; signaling lymphocytic activation molecule family m; SLAM; SLAMF1; anti-CD150 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	SLAM.4
Specificity	The mouse monoclonal antibody SLAM.4 recognizes an extracellular epitope of CD150, a cell surface molecule expressed on lymphocytes and involved in their activation.
Purity/Purification	The purified antibody is conjugated with allophycocyanin (APC) under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Form/Format	Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide
Sequence Length	335
Applicable Applications for anti-CD150 antibody	FCM/FACS (Flow Cytometry)
Immunogen	Human CD150-transfected 300.19 cells
Conjugation	APC
Preparation and Storage	Store in the dark at 2-8 degree C. Do not freeze. Avoid prolonged exposure to light.

ADDITIONAL INFORMATION

Related Product Information for anti-CD150 antibody	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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	9297047
NCBI GeneID	6504
UniProt Accession #	Q13291
NCBI Official Full Name	Signaling lymphocytic activation molecule

NCBI Official Synonym Full Names	signaling lymphocytic activation molecule family member 1
NCBI Official Symbol	SLAMF1
NCBI Official Synonym Symbols	SLAM; CD150; CDw150
NCBI Protein Information	signaling lymphocytic activation molecule
UniProt Protein Name	Signaling lymphocytic activation molecule
UniProt Gene Name	**SLAMF1**
UniProt Synonym Gene Names	SLAM
UniProt Entry Name	SLAF1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://www.aaabiotech.com/monoclonal/cd150-antibody-clone-slam-4-flow-cytometry-elisa/128959