

Mouse anti-Human CD107a Monoclonal Antibody | anti-CD107a antibody

Mouse Anti Human CD107a: Preservative Free

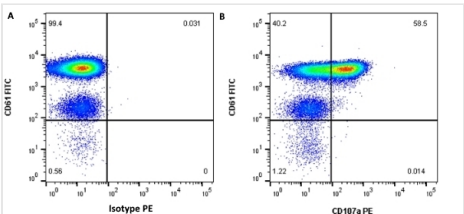
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50378	Mouse	Human	Western Blot, Immunocytochemistry, Flow Cytometry, Functional Assay, Immunohistochemistry

PRODUCT SYNONYMS

CD107a; Monoclonal Antibody; Mouse Anti Human CD107a: Preservative Free; CD107a antibody; H4A3; anti-CD107a antibody

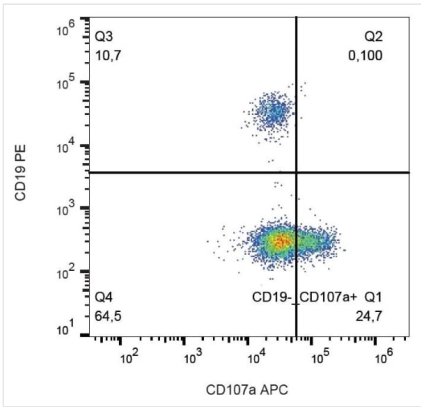
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	H4A3
Purity/Purification	>95% by SDS PAGE Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant and 0.2 um filter sterilized.
Form/Format	Purified IgG - Liquid; Preservative Free
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Sequence Length	417
Applicable Applications for anti-CD107a antibody	WB (Western Blot), ICC (Immunocytochemistry), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Immunogen	Human PBMCs
Preservative Stabilizers	None present
Buffer Solution	Phosphate Buffered Saline
Preparation and Storage	Store at 4 degree C. DO NOT FREEZE. This product should be stored undiluted.



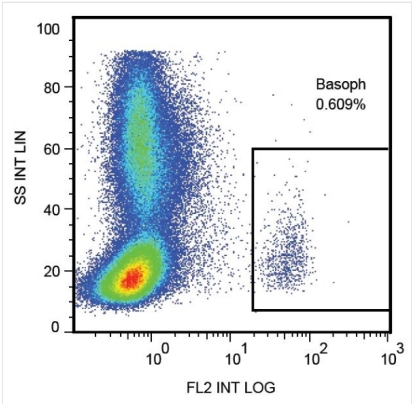
Application Data

Figure A. FITC conjugated Mouse anti Human CD61 and RPE conjugated mouse IgG1 isotype control . Figure B. FITC conjugated Mouse anti Human CD61 and RPE conjugated Mouse anti Human CD107a . All experiments were performed on thrombin activated platelets, gated on single cell platelets. Data acquired on the ZE5 Cell Analyzer.



Application Data

Intracellular staining of human peripheral blood cells with anti-CD107a:APC



Application Data

Surface staining of human peripheral blood cells with anti-CD107a:RPE

ADDITIONAL INFORMATION

Related Product Information for anti-CD107a antibody	Mouse anti Human CD107a, clone H4A3 recognizes CD107a. CD107a (also known as LAMP-1) is a major component in lysosomal membranes. It is composed of a polypeptide core of approximately 40 kDa but normally migrates between 100-120 kDa due to high levels of glycosylation (Carlsson and Fukuda, 1989).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	112380628
NCBI GeneID	3916
NCBI Accession #	NP_005552.3
NCBI GenBank Nucleotide #	NP_005552.3
UniProt Accession #	P11279
NCBI Official Full Name	lysosome-associated membrane glycoprotein 1
NCBI Official Synonym Full Names	lysosomal associated membrane protein 1
NCBI Official Symbol	LAMP1
NCBI Official Synonym Symbols	LAMPA; CD107a; LGP120
NCBI Protein Information	lysosome-associated membrane glycoprotein 1
UniProt Protein Name	Lysosome-associated membrane glycoprotein 1

UniProt Gene Name	LAMP1
UniProt Synonym Gene Names	LAMP-1
UniProt Entry Name	LAMP1_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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd107a-antibody-clone-h4a3-western-blot-immunocytochemistry-flow-cytometry-immunohistochemistry-elisa/50378>