

Mouse anti-Rat, Human CD235a Monoclonal Antibody | anti-CD235a antibody

Anti-Hu CD235a APC

CATALOG # AAA128640	HOST Mouse	REACTIVITY Rat, Human	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

CD235a; Monoclonal Antibody; Anti-Hu CD235a APC; glycophorin A (MNS blood group); Glycophorin A; GYPA; GPA; PAS-2; Sialoglycoprotein alpha; MN sialoglycoprotein; GPSAT; GPERik; MSN blood group; anti-CD235a antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Rat, Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	JC159
Specificity	The mouse monoclonal antibody JC159 recognizes an epitope between amino acids 27 and 40 of the extracellular portion of CD235a (glycophorin A), a sialoglycoprotein expressed on early erythroblasts, late erythroblasts, erythroblasts, mature erythrocytes and the cells of erythroid cell lines K562 and HEL. The antibody does not react with glycophorin B.
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	150
Applicable Applications for anti-CD235a antibody	FCM/FACS (Flow Cytometry)
Immunogen	Membrane preparation from splenic hairy cell leukemia
Conjugation	APC
Excitation Laser	red (633nm)
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-CD235a antibody	CD235a (Glycophorin A, GPA) is a transmembrane sialoglycoprotein expressed on erythrocytes and their precursors. Similarly to glycophorin B (GPB), these molecules provide the cells with a large mucin-like surface, which minimalizes aggregation between erythrocytes in the circulation. GPA is the carrier of blood group M and N specificities, while GPB accounts for S, s and U specificities. CD235a is a receptor of Hsa, an Streptococcus adhesin.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	259016238
NCBI GeneID	2993

UniProt Accession #	P02724
NCBI Official Full Name	Glycophorin-A
NCBI Official Synonym Full Names	glycophorin A (MNS blood group)
NCBI Official Symbol	GYPA
NCBI Official Synonym Symbols	MN; GPA; MNS; GPSAT; PAS-2; CD235a; GP _E ri ^k ; HGpMiV; HGpMiXI; HGpSta(C)
NCBI Protein Information	glycophorin-A
UniProt Protein Name	Glycophorin-A
UniProt Gene Name	GYPA
UniProt Synonym Gene Names	GPA

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/cd235a-antibody-clone-jc159-flow-cytometry-elisa/128640>