

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

Anti-Hu CD235a PE-Cyanine5

CATALOG # AAA128643	HOST Mouse	REACTIVITY Rat, Human	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

CD235a; Monoclonal Antibody; Anti-Hu CD235a PE-Cyanine5; 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 tandem dye PE-Cyanine5 under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Form/Format	PE-Cy5; Stabilizing phosphate buffered saline (PBS), pH 7.4, 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
Excitation laser	blue (488 nm)
Preparation	Purified antibody is conjugated with activated tandem dye of R-phycoerythrin-cyanine 5 (PE-Cy TM 5) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography
Preparation and Storage	Store at 2-8 degree C. Protect from prolonged exposure to light. Do not freeze

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; GPErik; 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://www.aaabiotech.com/monoclonal/cd235a-antibody-clone-jc159-flow-cytometry-elisa/128643>