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Glycophorin A (CD235a) Antibody

Rabbit mAb
Catalog # AP91512

Product Information

Application	WB, IHC, FC
Primary Accession	P02724
Reactivity	Human
Clonality	Monoclonal
Other Names	CD235a; Glycophorin A; GPA; GPErik; GpMiIII; GYPA; HGpMiIII; HGpMiV; HGpMiX; HGpMiXI; MN sialoglycoprotein; MNS; PAS2;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	16430

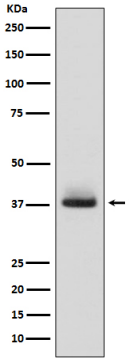
Additional Information

Dilution	WB 1:500~1:1000 IHC 1:100~1:500 FC 1:50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Glycophorin A (CD235a)
Description	Glycophorin A is the major intrinsic membrane protein of the erythrocyte. The N-terminal glycosylated segment, which lies outside the erythrocyte membrane, has MN blood group receptors. Appears to be important for the function of SLC4A1 and is required for high activity of SLC4A1.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	GYPA (HGNC:4702)
Function	Component of the ankyrin-1 complex, a multiprotein complex involved in the stability and shape of the erythrocyte membrane (PubMed:35835865). Glycophorin A is the major intrinsic membrane protein of the erythrocyte. The N-terminal glycosylated segment, which lies outside the erythrocyte membrane, has MN blood group receptors. Appears to be important for the function of SLC4A1 and is required for high activity of SLC4A1. May be involved in translocation of SLC4A1 to the plasma membrane.
Cellular Location	Cell membrane; Single-pass type I membrane protein Note=Appears to be colocalized with SLC4A1

Images



Western blot analysis of Glycophorin A (CD235a) expression in human fetal liver lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.