

Anti-Glycophorin A (CD235a) GYPA Monoclonal Antibody

Catalog # ABO14494

Product Information

Application	WB, IHC, FC
Primary Accession	P02724
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-Glycophorin A (CD235a) GYPA Monoclonal Antibody . Tested in WB, IHC, Flow Cytometry applications. This antibody reacts with Human.

Additional Information

Gene ID	2993
Other Names	Glycophorin-A, MN sialoglycoprotein, PAS-2, Sialoglycoprotein alpha, CD235a, GYPA (HGNC:4702), GPA
Calculated MW	16430
Application Details	WB 1:500-1:1000 IHC 1:100-1:500 FC 1:50
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names Immunogen	Clone: ADOG-7 A synthesized peptide derived from human Glycophorin A (CD235a).
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

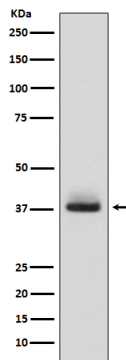
Name	GYPA (HGNC:4702)
Function	Component of the ankyrin-1 complex, a multiprotein complex involved in the stability and shape of the erythrocyte membrane (PubMed: 35835865). Glycophorin A is the major intrinsic membrane protein of the erythrocyte. The

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.

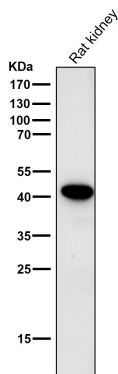
Cellular Location

Cell membrane; Single-pass type I membrane protein Note=Appears to be colocalized with SLC4A1

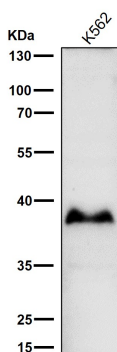
Images



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



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



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