

For Research Use Only

Glycophorin A/CD235a Recombinant antibody, PBS Only (Capture)

Catalog Number: 85182-1-PBS



Basic Information

Catalog Number:	85182-1-PBS	GenBank Accession Number:	BC005319	Purification Method:	Protein A purification
Concentration:	1 mg/ml	GeneID (NCBI):	2993	CloneNo.:	242822C9
Source:	Rabbit	UNIPROT ID:	P02724		
Isotype:	IgG	Full Name:	glycophorin A (MNS blood group)		
		Calculated MW:	150 aa, 16 kDa		
		Observed MW:	35-38 kDa		

Applications

Tested Applications:
WB, Cytometric bead array, Indirect ELISA

Species Specificity:
human

Background Information

Glycophorin A (GYPA), also known as CD235a, is the major transmembrane sialoglycoprotein in erythrocytes. It is a dimeric type I transmembrane protein carrying 15 closely clustered O-linked tetrasaccharides capped with sialic acid/N-acetylneuraminic acid (Neu5Ac). Glycophorin A represents the major sialoglycoprotein of the red blood cell membrane displaying about one million copies per cell. (PMID: 9490702)

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

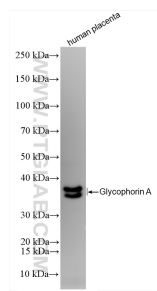
T: 4006900926

E: Proteintech-CN@ptglab.com

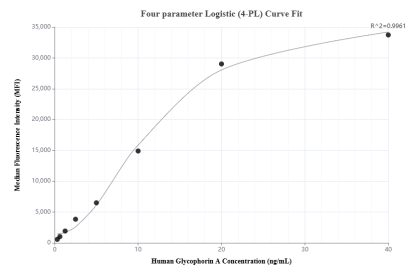
W: ptgcn.com

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Selected Validation Data



Human placenta tissue was subjected to SDS PAGE, followed by western blot with 85182-1-RR (GYPA antibody) at a dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85182-1-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP01888-2, Glycophorin A Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85182-1-PBS. Detection antibody: 85182-3-PBS. Standard: Eg2336. Range: 0.313-40 ng/mL.