

For Research Use Only

Glycophorin A/CD235a Recombinant antibody

Catalog Number: 85182-3-RR



Basic Information

Catalog Number:	85182-3-RR	GenBank Accession Number:	BC005319	Purification Method:	Protein A purification
Concentration:	1000 µg/ml	GeneID (NCBI):	2993	CloneNo.:	242822H5
Source:	Rabbit	UNIPROT ID:	P02724	Recommended Dilutions:	IHC 1:500-1:2000
Isotype:	IgG	Full Name:	glycophorin A (MNS blood group)		
		Calculated MW:	150 aa, 16 kDa		

Applications

Tested Applications:	IHC, ELISA	Positive Controls:	IHC : human placenta tissue,
Species Specificity:	human		

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

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 -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

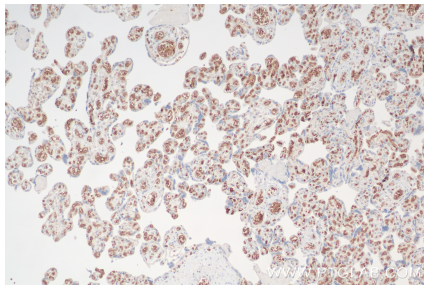
T: 4006900926

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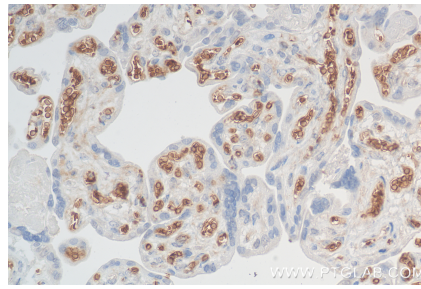
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 85182-3-RR (GYPA antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 85182-3-RR (GYPA antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).