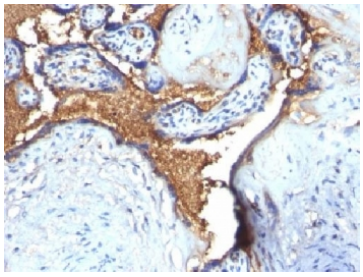
Glycophorin A Antibody (V3313)

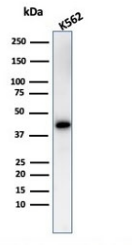
Catalog No.	Formulation	Size
V3313-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3313-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3313SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Protein A affinity chromatography
UniProt	P02724
Localization	Cytoplasmic, membranous
Applications	Western blot: 1-2ug/ml Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT
Limitations	This Glycophorin A antibody is available for research use only.



IHC testing of FFPE human placenta with Glycophorin A antibody. Required HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min.



Western blot testing of human K562 cell lysate with Glycophorin A antibody. Expected molecular weight: routinely observed at ~16/38 kDa.

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. May be involved in translocation of SLC4A1 to the plasma membrane. Is a receptor for influenza virus. Is a receptor for Plasmodium falciparum erythrocyte-binding antigen 175 (EBA-175); binding of EBA-175 is dependent on sialic acid residues of the O-linked glycans. Appears to be a receptor for Hepatitis A virus (HAV). [UniProt]

For additional information on glycophorin A and a reagent with extensive tissue and cell-based validation, visit our Glycophorin A Antibody / Erythroid Cell Marker page.

Application Notes

Optimal dilution of the Glycophorin A antibody should be determined by the researcher.

Immunogen

Recombinant human GPA protein was used as the immunogen for the Glycophorin A antibody.

Storage

Store the Glycophorin A antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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