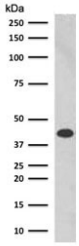
Glycophorin A Antibody [clone SGPA35] (V7130)

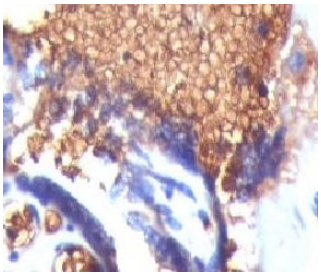
Catalog No.	Formulation	Size
V7130-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7130-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7130SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V7130IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	SGPA35
Purity	Protein G affinity chromatography
UniProt	P02724
Localization	Cytoplasmic, membranous
Applications	Western blot: 1-2ug/ml Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT Prediluted IHC only format: incubate for 30 min at RT (1)
Limitations	This Glycophorin A antibody is available for research use only.



Western blot testing of human K562 cell lysate with Glycophorin A antibody (clone SGPA35). Expected molecular weight: routinely observed at ~16/38 kDa.



IHC testing of FFPE human placenta and Glycophorin A antibody (clone SGPA35). Staining of formalin-fixed tissues requires boiling tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 minutes.

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.

1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

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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