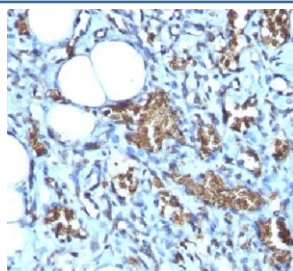


Glycophorin A Antibody [clone GYPA/280] (V2562)

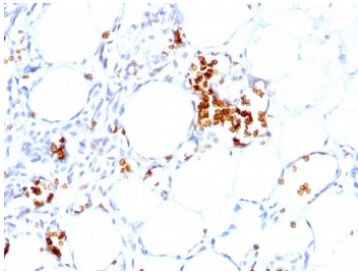
Catalog No.	Formulation	Size
V2562-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2562-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2562SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V2562IHC-7ML	Prediluted 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

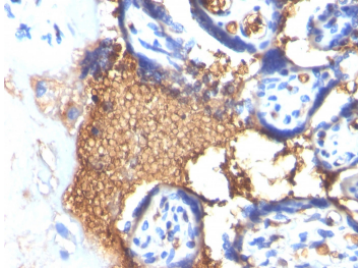
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	GYPA/280
Purity	Protein G affinity chromatography
UniProt	P02724
Localization	Cytoplasmic, membranous
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT Western Blot : 1-2ug/ml
Limitations	This Glycophorin A antibody is available for research use only.



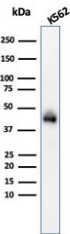
IHC-P: Formalin-fixed, paraffin-embedded human angiosarcoma stained with Glycophorin A antibody (clone GYPA/280).



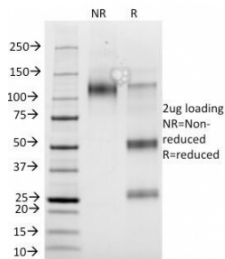
IHC-P: Formalin-fixed, paraffin-embedded human angiosarcoma stained with Glycophorin A antibody (clone GYP A/280).



IHC-P: Formalin-fixed, paraffin-embedded human placenta stained with Glycophorin A antibody (clone GYP A/280).



Western blot testing of human K562 cell lysate with Glycophorin A antibody (clone GYP A/280). Expected molecular weight: routinely observed at ~16/38 kDa.



SDS-PAGE analysis of purified, BSA-free Glycophorin A antibody (clone GYP A/280) as confirmation of integrity and purity.

Description

Recognizes a sialoglycoprotein of 39kDa, identified as glycophorin A (GPA). It is present on red blood cells (RBC) and erythroid precursor cells. It has been shown that glycophorin acts as the receptor for Sandei virus and parvovirus. Glycophorins A (GPA) and B (GPB), which are single, trans-membrane sialoglycoproteins. GPA is the carrier of blood group M and N specificities, while GPB accounts for S and U specificities. GPA and GPB provide the cells with a large mucin like surface and it has been suggested this provides a barrier to cell fusion, so minimizing aggregation between red blood cells in the circulation.

Application Notes

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).

