

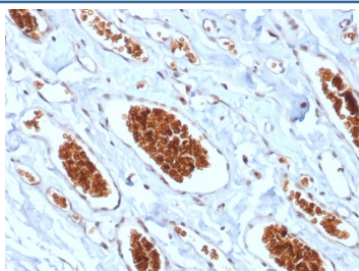
Recombinant GYPA Antibody / Glycophorin A [clone rGYPA/280] (V3604)

Catalog No.	Formulation	Size
V3604-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3604-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3604SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V3604IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

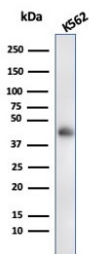
Recombinant **MOUSE MONOCLONAL**

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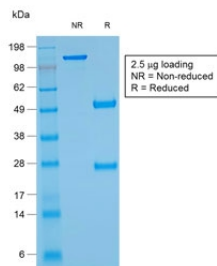
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Mouse Monoclonal
Isotype	Mouse IgG1, kappa
Clone Name	rGYPA/280
Purity	Protein G affinity chromatography
UniProt	P02724
Localization	Cytoplasmic, membranous
Applications	Western Blot : 1-2ug/ml Immunohistochemistry (FFPE) : 0.25-0.5ug/ml for 30 min at RT
Limitations	This recombinant GYPA antibody is available for research use only.



IHC testing of FFPE human angiosarcoma with recombinant GYPA antibody (clone rGYPA/280). Required HIER: boil tissue sections in 10mM citrate buffer, pH 6, for 10-20 min.



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



SDS-PAGE analysis of purified, BSA-free recombinant GYPA antibody (clone rGYPA/280) as confirmation of integrity and purity.

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]

Application Notes

Optimal dilution of the recombinant GYPA 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 Glycophorin A protein was used as the immunogen for the recombinant GYPA antibody.

Storage

Store the recombinant GYPA antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).