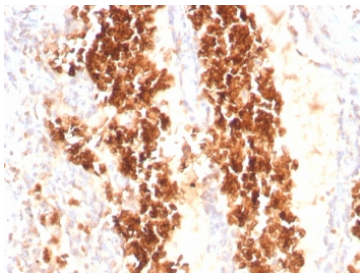
Glycophorin A Antibody / GYPA [clone rGYPA/8948] (V5074)

Catalog No.	Formulation	Size
V5074-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5074-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5074SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Recombinant MOUSE MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Mouse Monoclonal
Isotype	Mouse IgG2b, kappa
Clone Name	rGYPA/8948
Purity	Protein A/G affinity
UniProt	P02724
Localization	Cytoplasmic, membranous
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
Limitations	This Glycophorin A antibody is available for research use only.



IHC staining of FFPE human angiosarcoma tissue with Glycophorin A antibody (clone rGYPA/8948). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

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

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

Immunogen

A recombinant fragment of human glycophorin A protein was used as the immunogen for the Glycophorin A antibody.

Storage

Aliquot the Glycophorin A antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.