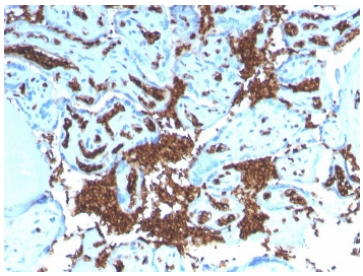
Recombinant Glycophorin A Antibody [clone GYPA/3219R] (V7832)

Catalog No.	Formulation	Size
V7832-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7832-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7832SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

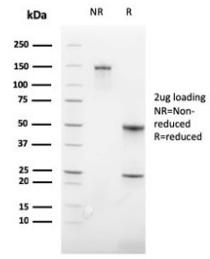
Recombinant RABBIT MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	GYPA/3219R
Purity	Protein A affinity chromatography
UniProt	P02724
Applications	Immunohistochemistry (FFPE) : 0.1-0.2ug/ml
Limitations	This recombinant Glycophorin A antibody is available for research use only.



IHC staining of FFPE human placenta with recombinant Glycophorin A antibody. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free recombinant Glycophorin A antibody (clone GYPA/3219R) 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

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

Immunogen

A recombinant full-length human GYPA protein was used as the immunogen for the recombinant Glycophorin A antibody.

Storage

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

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com