

Product Datasheet

Glycophorin A Antibody (A63-B/C2)

NBP2-45021-0.1mg

Unit Size: 0.1 mg

Store at 4C.

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Updated 5/9/2021 v.20.1

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NBP2-45021-0.1mg

Glycophorin A Antibody (A63-B/C2)

Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	A63-B/C2
Preservative	0.05% Sodium Azide
Isotype	IgM Kappa
Purity	Protein A or G purified
Buffer	10mM PBS and 0.05% BSA
Target Molecular Weight	39 kDa

Product Description	
Host	Mouse
Gene ID	2993
Gene Symbol	GYPA
Species	Human
Marker	Erythrocyte Marker
Specificity/Sensitivity	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.
Immunogen	Human erythrocytes treated with neuraminidase

Product Application Details	
Applications	Flow Cytometry, Erythrocyte Agglutination, Immunofluorescence
Recommended Dilutions	Flow Cytometry 0.5 - 1 ug/million cells in 0.1 ml, Immunofluorescence 0.5 - 1.0 ug/ml, Erythrocyte Agglutination
Application Notes	Hu-chromosome location: 4q31.22



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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