

Product Datasheet

Glycophorin A Antibody (A63-B/C2) - Azide and BSA Free NBP2-47716-0.1mg

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-47716-0.1mg

Glycophorin A Antibody (A63-B/C2) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	A63-B/C2
Preservative	No Preservative
Isotype	IgM Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS
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, CyTOF-ready, 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, CyTOF-ready
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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