

Datasheet for ABIN6939585  
**anti-CD235a/GYPA antibody**

## 2 Images

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## Overview

Quantity:	100 µg
Target:	CD235a/GYPA (GYPA)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD235a/GYPA antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunofluorescence (IF), Immunohistochemistry (IHC), Staining Methods (StM)

## Product Details

Immunogen:	Formalin fixed membrane from a Hairy cell leukemia
Clone:	JC159
Isotype:	IgG1 kappa
Specificity:	Recognizes a sialoglycoprotein of 39 kDa, 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.
Purification:	Purified by Protein A/G

## Target Details

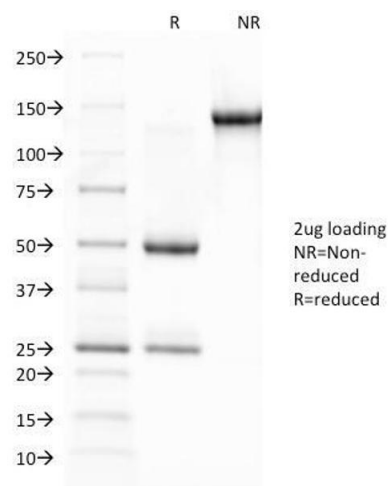
Target:	CD235a/GYPA (GYPA)
Alternative Name:	GYPA ( <a href="#">GYPA Products</a> )
Molecular Weight:	39kDa
Gene ID:	2993, 2994
UniProt:	<a href="#">P02724</a>
Pathways:	<a href="#">Maintenance of Protein Location</a>

## Application Details

Application Notes:	Positive Control: Erythrocytes in any human tissues. Known Application: Flow Cytometry (0.5-1 µg/million cells), Immunofluorescence (0.5-1 µg/mL), Immunohistochemistry (Formalin-fixed) (0.25-0.5 µg/mL for 30 minutes at RT),(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes),Optimal dilution for a specific application should be determined.
Restrictions:	For Research Use only

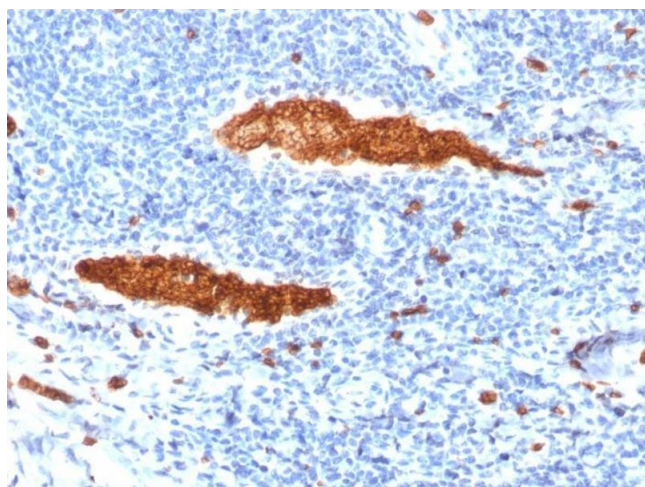
## Handling

Concentration:	200 µg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-80 °C
Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.
Expiry Date:	24 months



### SDS-PAGE

**Image 1.** SDS-PAGE Analysis Purified Glycophorin A Mouse Monoclonal Antibody (JC159). Confirmation of Integrity and Purity of Antibody.



### Immunohistochemistry

**Image 2.** Formalin-fixed, paraffin-embedded human Tonsil stained with Glycophorin A Mouse Monoclonal Antibody (JC159).