

Product datasheet

anti-CD235a (Glycophorin A) mouse monoclonal, EBS-CD-059, purified

Short overview

Cat. No.	691619
Quantity	1 ml (100 µg/ml)
Concentration	100 µg/ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG2a kappa
Clone	EBS-CD-059
Immunogen	Human erythrocytes, treated with neuraminidase (V. cholerae)
Formulation	PBS with 0.02% sodium azide
UniprotID	P02724 (Human)
Synonym	Glycophorin-A, MN sialoglycoprotein, PAS-2, Sialoglycoprotein alpha, CD antigen CD235a, GYPA, GPA
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage	2-8°C
Intended use	Research use only
Application	FACS, ICC/IF, IHC
Reactivity	Human

Applications

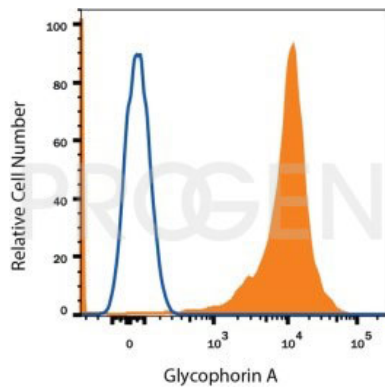
Flow Cytometry (FACS)	0.5-1.0 µg/million cells in 0.1 ml
Immunocytochemistry (ICC)	1:100-1:200 (0.5-1.0 µg/ml)
Immunohistochemistry (IHC) - frozen	1:50-1:100 (1-2 µg/ml)

Background

EBS-CD-059 reacts with a 39 kDa sialoglycoprotein known as glycophorin A, present on red cells and erythroid precursor cells. Glycophorin A is the carrier of blood group M and N specificities, while glycophorin B carries S and U specificities. Providing a mucin like coat, glycophorin may play a role in preventing red cell aggregation in the circulation. Glycophorin also acts as receptor for Sendai and Parvovirus.

Positive control: erythrocytes.

Product images



FACS with TF-1 cells