

Human Glycophorin A APC-conjugated Antibody

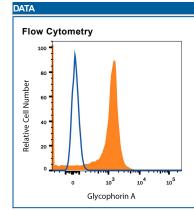
Monoclonal Mouse IgG₁ Clone # R10 Catalog Number: FAB12281A 100 TESTS

DESCRIPTION			
Species Reactivity	Human		
Specificity	Detects human Glycophorin A, the major sialoglycoprotein expressed on red blood cells and erythroid precursor cells [Greaves, M.F. et al. (1983) Blood 61(4):645].		
Source	Monoclonal Mouse IgG ₁ Clone # R10		
Purification	Protein A or G purified from hybridoma culture supernatant		
Immunogen	Abelson mouse leukemia virus-induced human pre-B tumor cells		
Conjugate	Allophycocyanin Excitation Wavelength: 620-650 nm Emission Wavelength: 660-670 nm		
Formulation	Supplied in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details.		
	*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Shee (SDS) for additional information and handling instructions.		

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

	Recommended Concentration	Sample
Flow Cytometry	10 μL/10 ⁶ cells	See Below



Detection of Glycophorin A in TF-1 Human Cell Line by Flow Cytometry. TF-1 human erythroleukemic cell line was stained with Mouse Anti-Human Glycophorin A APCconjugated Monoclonal Antibody (Catalog # FAB12281A, filled histogram) or isotype control antibody (Catalog # IC002A, open histogram). View our protocol for Staining Membrane-associated Proteins.

PREPARATION AND STORAGE

Shipping The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

Stability & Storage

Protect from light. Do not freeze.

• 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

Glycophorin A, also designated CD235a, is the major sialoglycoprotein expressed on red blood cells and erythroid precursor cells (1).

References:

1. Greaves, M.F. et al. (1983) Blood 61(4):645.

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