

Human Erythropoietin R APC-conjugated Antibody

Monoclonal Mouse IgG_{2B} Clone # 38409 Catalog Number: FAB307A

100 Tests

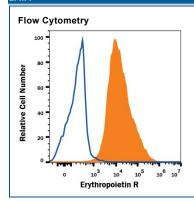
DESCRIPTION			
Species Reactivity	Human		
Specificity	Detects human Erythropoietin R in direct ELISAs and Western blots. In direct ELISAs, no cross-reactivity with recombinant mouse Erythropoietin R is observed.		
Source	Monoclonal Mouse IgG _{2B} Clone # 38409		
Purification	Protein A or G purified from ascites		
Immunogen	Mouse myeloma cell line NS0-derived recombinant human Erythropoietin R Pro26-Pro250 Accession # P19235		
Conjugate	Allophycocyanin Excitation Wavelength: 620-650 nm Emission Wavelength: 660-670 nm		
Formulation	Supplied as a solution in PBS containing BSA, Glycerol 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	TF-1 human erythroleukemic cell line	

DATA



Detection of Erythropoietin R in TF-1 Human Cell Line by Flow Cytometry. TF-1 human erythroleukemic cell line was stained with Mouse Anti-Human Erythropoietin R APC-conjugated Monoclonal Antibody (Catalog # FAB307A, filled histogram) or isotype control antibody (Catalog # IC0041A, open histogram). Staining was performed using our Staining Membrane-associated Proteins protocol.

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

Erythropoietin R is a transmembrane protein expressed on the surface of megakaryocytes, erythroid progenitors, and endothelial cells. It binds Erythropoietin and transmits signals that stimulate the proliferation and maturation of bone marrow erythroid precursors into red cells.

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