

Human Erythropoietin R Fluorescein-conjugated Antibody

Monoclonal Mouse IgG_{2B} Clone # 38409

Catalog Number: FAB307F 100 TESTS

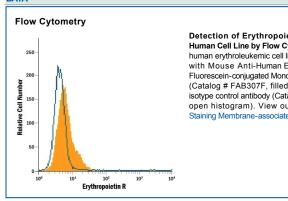
DESCRIPTION		
Species Reactivity	Human	
Specificity	Detects human Erythropoietin R in direct ELISAs and Western blots. In direct ELISAs, no cross-reactivity with recombinant mouse Erythropoietin R is observed.	
Source	Monoclonal Mouse IgG _{2B} Clone # 38409	
Purification	Protein A or G purified from ascites	
Immunogen	Mouse myeloma cell line NS0-derived recombinant human Erythropoietin R Pro26-Pro250 Accession # P19235	
Conjugate	Fluorescein Excitation Wavelength: 488 nm Emission Wavelength: 515-545 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 Sheet (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

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 Fluorescein-conjugated Monoclonal Antibody (Catalog # FAB307F, filled histogram) or isotype control antibody (Catalog # IC0041F, open histogram). View our protocol for Staining Membrane-associated Proteins.

PREPARATION AND STORAGE

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

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.

