

Human Thrombopoietin R/Tpo R PE-conjugated Antibody

Monoclonal Mouse IgG_{2A} Clone # 167639 Catalog Number: FAB1016P 100 Tests

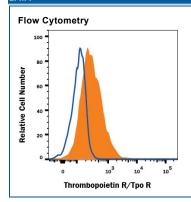
DESCRIPTION			
Species Reactivity	Human		
Specificity	Detects human Thrombopoietin R/Tpo R in Western blots. In Western blots, no cross-reactivity with recombinant mouse Tpo R or recombin human Epo R is observed.		
Source	Monoclonal Mouse IgG _{2A} Clone # 167639		
Purification	Protein A or G purified from hybridoma culture supernatant		
Immunogen	Mouse myeloma cell line NS0-derived recombinant human Thrombopoietin R/Tpo R Ser25-Tyr423 Accession # P40238		
Conjugate	Phycoerythrin Excitation Wavelength: 488 nm Emission Wavelength: 565-605 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.

Treads Note: Optimized and some description of the analysis of			
	Recommended Concentration	Sample	
Flow Cytometry	10 μL/10 ⁶ cells	See Below	

DATA



Detection of Thrombopoietin R/Tpo R in TF-1 Human Cell Line by Flow Cytometry. TF-1 human erythroleukemic cell line was stained with Mouse Anti-Human Thrombopoietin R/Tpo R PE-conjugated Monoclonal Antibody (Catalog # FAB1016P, filled histogram) or isotype control antibody (Catalog # IC003P, 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

Thrombopoietin R, also known as Tpo R, is a type I membrane protein belonging to the hematopoietin/cytokine receptor superfamily. Tpo R is expressed by hematopoietic progenitor cells, megakaryocytes and platelets and is involved in the regulation of megakaryocytopoiesis and thrombopoiesis.

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