

DESCRIPTION

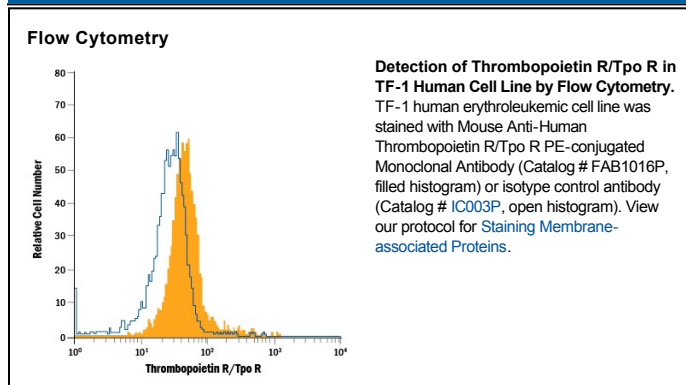
Species Reactivity	Human
Specificity	Detects human Thrombopoietin R/Tpo R in Western blots. In Western blots, no cross-reactivity with recombinant mouse Tpo R or recombinant human Epo R is observed.
Source	Monoclonal Mouse IgG _{2A} Clone # 167639
Purification	Protein A or G purified from hybridoma culture 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.

	Recommended Concentration	Sample
Flow Cytometry	10 μ L/10 ⁶ cells	See Below

DATA



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.