

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Thrombopoietin/Tpo in ELISAs. In sandwich immunoassays, no cross-reactivity or interference with recombinant human (rh) G-CSF, rhG-CSF R, rhGM-CSF, recombinant mouse GM-CSF, or rhM-CSF is observed.
Source	Monoclonal Mouse IgG _{2B} Clone # 34817
Purification	Protein A or G purified from ascites
Immunogen	<i>S. frugiperda</i> insect ovarian cell line Sf 21-derived recombinant human Thrombopoietin/Tpo Ser22-Gly353 Accession # P40225
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *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.

ELISA Capture (Matched Antibody Pair)	Optimal dilution of this antibody should be experimentally determined.
ELISA Detection (Matched Antibody Pair)	Optimal dilution of this antibody should be experimentally determined.
Neutralization	Optimal dilution of this antibody should be experimentally determined.

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

Tpo is a secreted protein that regulates megakaryocytopoiesis and thrombopoiesis. It binds to and induces signaling through the Tpo receptor, which is encoded by the *c-Mpl* protooncogene.

PRODUCT SPECIFIC NOTICES

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