

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human TREML1/TLT-1 in direct ELISAs and Western blots. In direct ELISAs, no cross-reactivity with recombinant mouse TREML1 or recombinant human TREML2 is observed.
Source	Monoclonal Rat IgG _{2B} Clone # 268420
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human TREML1/TLT-1 Gln16-Ser160 Accession # Q86YW5
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 nm
Formulation	Supplied 0.2 mg/mL 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	0.25-1 µg/10 ⁶ cells	Human peripheral blood platelets

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

TREML1 is an inhibitory type I transmembrane protein that has two cytoplasmic ITIMs (Immunoreceptor Tyrosine-based Inhibition Motif). A splice variant lacking ITIMs in its cytoplasmic domain also exists. TREML1 is found only in platelets and megakaryocytes.

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