**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 IgG2B 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 488

**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.

<table>
<thead>
<tr>
<th>Recommended Concentration</th>
<th>Sample</th>
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<tr>
<td>Flow Cytometry 0.25-1 µg/10^6 cells</td>
<td>See Below</td>
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**DATA**

Detected of TREML1/TLT-1 In Human Platelets by Flow Cytometry. Human peripheral blood platelets were stained with Mouse Anti-Human Integrin alpha 2b/CD41 APC-conjugated Monoclonal Antibody (Catalog # FAB7616A) and either (A) Rat Anti-Human TREML1/TLT-1 Alexa Fluor® 488 Monoclonal Antibody (Catalog # FAB2934G) or (B) Rat IgG2B Isotype Control (Catalog # IC013G). 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**

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.

**PRODUCT SPECIFIC NOTICES**

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