

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse TREM-3 in direct ELISAs and Western blots. In direct ELISAs and Western blots, no cross-reactivity with recombinant mouse (rm) TREM-1 or rmTREM-2b is observed.
Source	Monoclonal Rat IgG _{2A} Clone # 295502
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse TREM-3 Met1-Pro135 (predicted) Accession # NP_067382
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.

Western Blot 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

TREM-3 is a type I transmembrane protein possessing a single extracellular Ig domain. It associates with the signal adapter molecule, DAP12, and delivers an activating signal. TREM-3 is expressed in macrophage cell lines and at low levels in T cell lines, but not in NK, B cell, or mast cell lines.

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