



Anti-TREML1 monoclonal antibody, clone 379626 (DCABY-4209)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	TREM-like proteins are Immunoglobulin superfamily transmembrane proteins encoded within the TREM cluster on human chromosome 6p21 and mouse chromosome 17C. TREMLs differ from TREMs in that the cytoplasmic regions lack the DAP12-association domain, yet contain other structural motifs involved in signaling. Human and mouse TREML1 and Mouse TREML2, but not human TREML2, contain ITIMs (Immunoreceptor Tyrosine-based Inhibition Motifs) in their cytoplasmic regions.
Specificity	Detects mouse TREML1/TLT-1 in ELISAs and Western blots. In ELISAs and Western blots, no cross-reactivity with recombinant human (rh)TREML1 or rhTREML2 is observed.
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse TREML1/TLT-1. Gly18-Cys178 Accession Number NP_082039
Isotype	IgG2b
Source/Host	Rat
Species Reactivity	Mouse
Clone	379626
Purification	Protein A or G purified from hybridoma culture supernatant
Conjugate	Unconjugated
Applications	Western Blot, ELISA Capture (Matched Pair)
Format	Liquid
Size	500 µg

Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.
Preservative	None
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 6 months, -20 to -70 °C under sterile conditions after reconstitution.

GENE INFORMATION

Gene Name	Trem1 triggering receptor expressed on myeloid cells-like 1 [Mus musculus (house mouse)]
Official Symbol	TREML1
Synonyms	TREML1; triggering receptor expressed on myeloid cells-like 1; TLT-1; 5430401J17Rik; trem-like transcript 1 protein; triggering receptor expressed on myeloid cells-like 1c; triggering receptor expressed on myeloid cells-like 1d; triggering receptor expres
Entrez Gene ID	71326
Protein Refseq	NP_001276380
UniProt ID	A6XA75
Chromosome Location	17 C; 17
Function	protein binding; receptor activity;