Datasheet for ABIN2663936

anti-TREML2 antibody (PE)

2 Images

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Overview

Quantity:	50 µg
Target:	TREML2
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This TREML2 antibody is conjugated to PE
Application:	Flow Cytometry (FACS)

Product Details

Clone:	MIH47
Isotype:	IgG2a kappa
Purification:	The antibody was purified by affinity chromatography, and conjugated with PE under optimal conditions. The solution is free of unconjugated PE and unconjugated antibody.

Target Details

Target:	TREML2
Alternative Name:	TLT-2 (TREML2 Products)
Background:	Triggering receptor expressed on myeloid cell-like transcript 2 (TLT-2, TREML2) is a type I transmembrane protein in TREM family. It consists of a single extracellular Ig-like domain of the V-type, a transmembrane domain, and a short cytoplasmic domain. TLT-2 is expressed on myeloid , B cells , and macrophages. It was also found to express on CD8+ T cells and activated

Target Details

CD4+ T cells. It regulates innate immune response based on its expression profile, costimulates the activation of T cells. Transduction of TLT-2 into T cells resulted in enhanced IL-2 and IFN-gamma production. It was reported that B3-H7 is a receptor of TLT-2. Blockade of the B7-H3/ TLT-2 pathway with monoclonal antibodies against B7-H3 or TLT-2 efficiently inhibited hypersensitivity response. Further studies are needed to confirm the ligand.

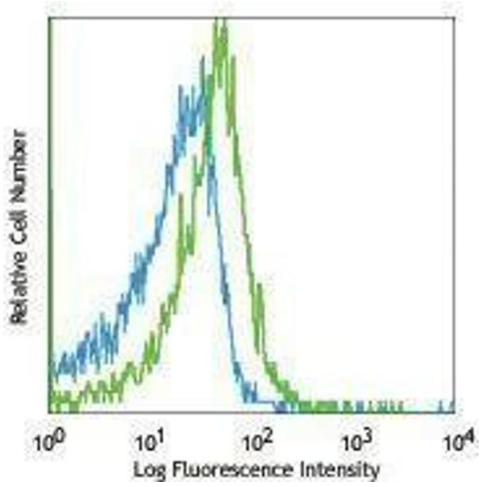
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Concentration:	0.2 mg/mL
Buffer:	Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Protect from prolonged exposure to light. Do not freeze.
Storage:	4 °C
Storage Comment:	The antibody solution should be stored undiluted between 2°C and 8°C.

Images



Flow Cytometry

Image 1.

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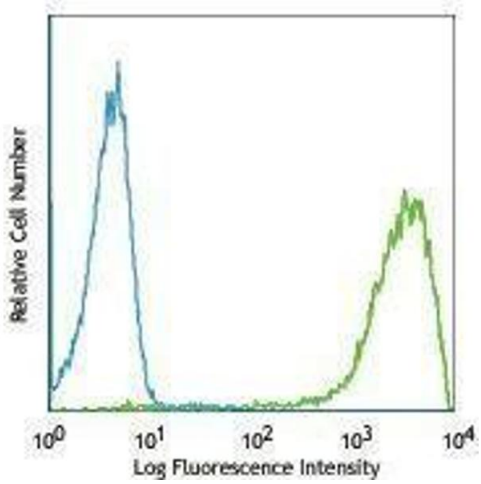

Flow Cytometry

Image 2.

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