Datasheet for ABIN2662891

anti-TREML2 antibody (PE)

3 Images

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Overview

Quantity:	100 tests
Target:	TREML2
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TREML2 antibody is conjugated to PE
Application:	Flow Cytometry (FACS)

Product Details

Clone:	MIH60
Isotype:	IgG2b 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:	Trem-like transcript 2 protein (TLT2), also known as TREML2, is a 33 kD (unglycosylated) type I transmembrane protein with a single IgV domain contains two potential N-glycosylation sites, a serine/threonine-rich region with numerous predicted O-linked glycosylation sites, a single membrane-spanning region, and a short cytoplasmic tail. TLT2 is expressed on B lineage cells,

Target Details

macrophages, neutrophils in bone marrow and periphery, and the expression level can be upregulated in response to inflammation. As a receptor, TLT2 likely plays a role in innate immunity. Recent studies have demonstrated that ligation of TLT2 inhibits the oxidative burst in neutrophils upon fMLP stimulation, indicating that TLT2 may function as an inhibitory receptor that attenuates activation of neutrophils, and possibly macrophages. Recently TLT-2 protein has been found on CD8+ T cells and is induced on activated CD4+ T cells.

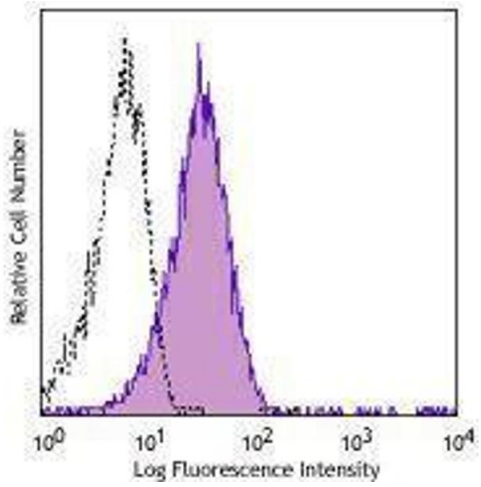
Application Details

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

Handling

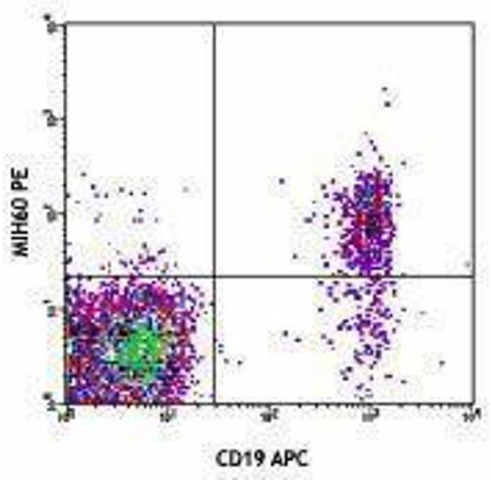
Buffer:	Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide and 0.2 % (w/v) BSA .
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Protect from prolonged 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



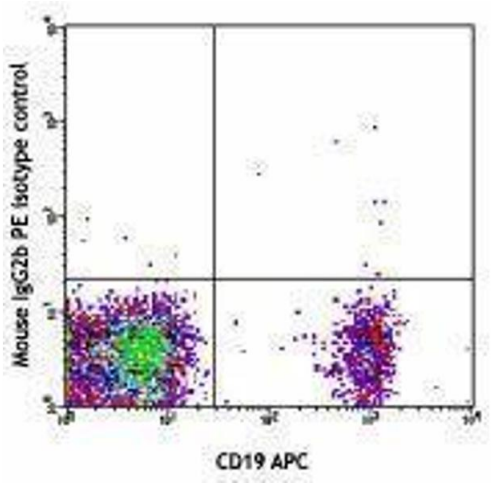
Flow Cytometry

Image 1.



Flow Cytometry

Image 2.



Flow Cytometry

Image 3.