Datasheet for ABIN1108296

anti-cDNA Sequence AF251705 (AF251705) antibody

1 Image

Go to Product page

Overview

Quantity:	0.1 mg
Target:	cDNA Sequence AF251705 (AF251705)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	Un-conjugated
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	Ba/F3 transfectant expressing the human MAIR-II
Clone:	TX45
Isotype:	IgG1
Specificity:	This antibody reacts with CD300d antigen.
Cross-Reactivity (Details):	Species reactivity (tested):Human (U937, Monocytes)
Purification:	Protein A agarose

Target Details

Target:	cDNA Sequence AF251705 (AF251705)
Alternative Name:	MAIR-2 (Myeloid-Associated Immunoglobulin-Like Receptor) (AF251705 Products)
Background:	Immune responses are regulated by opposing positive and negative signals triggered by the

Target Details

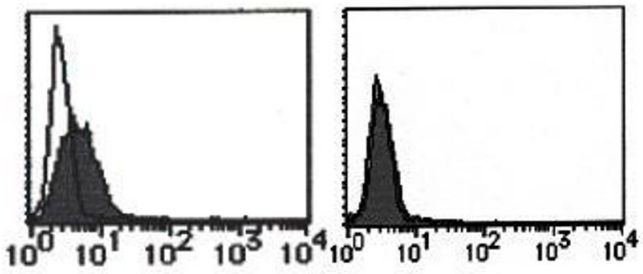
	interaction of activating and inhibitory cell surface receptors with their ligands. Shibuya et al. identified novel paired activated and inhibitory immunoglobulin-like receptors, designated myeloid-associated immunoglobulin-like receptor (MAIR) I and MAIR-II, whose extracellular domains are highly conserved by each other. MAIR-I, expressed on the majority of myeloid cells, including macrophages, granulocytes, mast cells, and dendritic cells, contains the tyrosine-based sorting motif and the immunoreceptor tyrosine-based inhibitory motif-like sequences in the cytoplasmic domains. On the other hand, MAIR-II, expressed on subsets of peritoneal macrophages and B cells, associates with the immunoreceptor tyrosine-based activation motif-bearing adaptor DAP12. MAIR-I is also known as CD300a/ CMRF-35-like Ig-like molecule-8 (CLM-8)/leukocyte mono-Ig-like receptor 1 (LMIR1). MAIR-II is also known as CD300d/LMIR2/CLM-4/dendritic cell-derived Ig-like receptor 1 (DIgR1).
Gene ID:	140497
NCBI Accession:	NP_598919
UniProt:	Q7TSN2

Application Details

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

Handling

Concentration:	1.0 mg/mL
Buffer:	PBS containing 50 % glycerol, pH 7.2. No preservative is contained.
Preservative:	Without preservative
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Flow Cytometry

Image 1.

