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anti-CD300E antibody (FITC)



## Overview

Quantity:	100 tests
Target:	CD300E
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD300E antibody is conjugated to FITC
Application:	Flow Cytometry (FACS)

## **Product Details**

Purpose:	Anti-Hu CD300e FITC
Immunogen:	CD300e-HA-transfected cells
Clone:	UP-H2
Isotype:	IgG1 kappa
Specificity:	The mouse monoclonal antibody UP-H2 recognizes an extracellular epitope on CD300e / IREM-2, a 32 kDa glycoprotein expressed by mature monocytes and peripheral blood myeloid dendritic cells.
Purification:	Purified antibody is conjugated with fluorescein isothiocyanate (FITC) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.

## **Target Details**

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Target:	CD300E
Alternative Name:	CD300e (CD300E Products)
Background:	CD300e molecule,CD300e / IREM-2 (immune receptor expressed by myeloid cells 2), also
	known as CLM2 or LMIR6, is a monomeric transmembrane glycoprotein with a single
	extracellular immunoglobulin-like domain. Intracellularly it associates with DAP-12, an ITAM-
	containing adaptor molecule. CD300e is expressed on mature monocytes and peripheral blood
	myeloid dendritic cells. Its crosslinking leads to release of pro-inflammatory cytokines, and
	increased expression of activation markers.,CLM2, CMRF35-A5, LMIR6, IREM-2, PlgR2
Gene ID:	342510
UniProt:	Q496F6
Application Details	
Application Notes:	Flow cytometry: The reagent is designed for analysis of human blood cells using 4 µL reagent /
	100 $\mu L$ of whole blood or $10^6$ cells in a suspension. The content of a vial (0.4 ml) is sufficient for
	100 tests.
Restrictions:	For Research Use only
Handling	
Buffer:	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM 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.
Storage:	4°C
Storage Comment:	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.