Datasheet for ABIN7595396

anti-CLEC12A antibody (PE)

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Overview

Quantity:	100 tests
Target:	CLEC12A
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CLEC12A antibody is conjugated to PE
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	293T cells expressing human CD371-Flag
Clone:	50C1
Isotype:	IgG2a
Specificity:	The mouse monoclonal antibody 50C1 recognizes an extracellular epitope of CD371, a type II transmembrane glycoprotein expressed above all on monocytes, macrophages, granulocytes and dendritic cells.
Purification:	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.

Target Details

Target:	CLEC12A
Alternative Name:	CD371 (CLEC12A Products)

Target Details

Background:	CD371, also known as CLEC12A, is a 30 kDa type II transmembrane glycoprotein of the C-type lectin family. Several alternatively spliced isoforms have been described. Using ITIM in its cytoplasmic part, this receptor serves as a negative regulator of CD371-positive cells, mainly granulocytes and monocytes, and is involved in dendritic cell maturation. It is one of markers of myeloid cells, including acute myeloid leukemia.
Gene ID:	160364
UniProt:	Q5QGZ9

Application Details

Application Notes:	Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µL reagent / 100 µL of whole blood or 10^6 cells in a suspension. The content of a vial (1 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.