Datasheet for ABIN7506217

anti-SIGLEC10 antibody (Extracellular Domain) (PE)

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Overview

Quantity:	100 tests
Target:	SIGLEC10
Binding Specificity:	Extracellular Domain
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SIGLEC10 antibody is conjugated to PE
Application:	Flow Cytometry (FACS)

Product Details

Purpose:	Anti-Hu SIGLEC10 PE
Immunogen:	SIGLEC10 extracellular domain fused with human IgG1 Fc fragment
Clone:	5G6
Isotype:	IgG1
Specificity:	The mouse monoclonal antibody 5G6 recognizes an extracellular epitope of human SIGLEC10, a sialic acid-binding lectin expressed on subsets of human leucocytes.
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:	SIGLEC10
Alternative Name:	SIGLEC10 (SIGLEC10 Products)
Background:	Sialic acid binding Ig like lectin 10,SIGLEC10 is a CD33-related receptor of sialoglycans, expressed on eosinophils, monocytes, a subpopulation of NK cells, and at lower level on B cells. Its murine ortholog is Siglec G. SIGLEC10 seems to act as an immunomodulatory receptor, which binds to VAP-1, a glycoprotein expressed on endothelium under inflammatory conditions. Another ligand of SIGLEC10 is CD24, a marker of poorer prognosis in carcinomas.,PRO940, SGL2
Gene ID:	89790
UniProt:	Q96LC7

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.