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Datasheet for ABIN1819172  
**anti-SIGLEC10 antibody**

### Overview

Quantity:	0.1 mg
Target:	SIGLEC10
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Flow Cytometry (FACS)

### Product Details

Immunogen:	Recombinant human Siglec-10, fused with the Fc region of human IgG.  Type of Immunogen: Recombinant protein
Clone:	5G6
Isotype:	IgG1
Specificity:	Clone 5G6 specifically recognizes human Siglec-10 (Sialic acid-binding Ig-like lectin 10), a putative adhesion molecule and member of the Ig superfamily, expressed by monocytes, B cells, eosinophils, and at a higher level by a subpopulation of CD16+CD56- natural killer (NK) cells. Structurally, Siglec-10 is most similar to the CD33-related group of Siglecs, and preferentially binds to glycoconjugates containing alpha-2,3- or alpha-2,6-linked sialic acid. Studies have shown that Siglec-10 acts as a substrate for VAP-1 (Vascular adhesion protein-1), a glycoprotein expressed on endothelium during inflammation, which is involved in primary amine oxidation and leucocyte trafficking, see for details. This interaction between Siglec-10 and VAP-1, implicates Siglec-10 in endothelial lymphocyte adhesion and in the modulation of

## Product Details

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the inflammatory microenvironment. Studies have shown that clone 5G6 does not cross-react with Siglecs 3, 5, 7, 8 and 9, see for details.

Purification: Protein G purified

## Target Details

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Target: SIGLEC10

Alternative Name: SIGLEC10 / SIGLEC-10 ([SIGLEC10 Products](#))

Background: Name/Gene ID: SIGLEC10

Synonyms: SIGLEC10, SIGLEC-10, Siglec-like gene 2, Siglec-like protein 2, PRO940, SLG2

Gene ID: 89790

UniProt: [Q96LC7](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: Lot specific

Buffer: PBS, 0.09 % 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.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C, -20 °C

Storage Comment: 4°C or -20°C, Avoid freeze-thaw cycles.