

Datasheet for ABIN7566597
anti-SIGLEC9 antibody (PE,Cy7)



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Overview

Quantity:	100 tests
Target:	SIGLEC9
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SIGLEC9 antibody is conjugated to PE,Cy7
Application:	Flow Cytometry (FACS)

Product Details

Purpose:	PE/Cyanine7 Anti-Human CD329 Antibody[K8]
Clone:	K8
Isotype:	IgG1, kappa

Target Details

Target:	SIGLEC9
Alternative Name:	CD329 (SIGLEC9 Products)
Background:	Siglec-9, Sialic acid-binding Ig-like lectin-9, Siglecs are cell surface receptors belonging to the immunoglobulin superfamily that recognize sugar antigens. The extracellular domain of siglec-9 contains an IgV region, which binds sialic acid, followed by two IgC regions. Siglec 9 and siglec 6-8, 10-12 are CD33 (siglec 3) like siglecs, which have two ITIMs in the cytoplasmic tails, suggesting their functional involvement in signal transduction. It is highly expressed on

Target Details

neutrophils and monocytes, and at lower levels on the subpopulations of T and B lymphocytes and NK cells. Siglec-9 plays a role in negative regulation of T cell activation, and it also affects neutrophil apoptosis.

Gene ID: 27180

UniProt: [Q9Y336](#)

Application Details

Application Notes: Each lot of this antibody is quality control tested by flow cytometric analysis. Applications vary, the appropriate dilutions must be determined for individual use.
FCM: 5 µL/test

Comment: Matching Isotype Control: (ABIN7469764)

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Phosphate buffered solution, pH 7.2, containing 0.09 % stabilizer and 1 % protein protectant.

Storage: 4 °C

Storage Comment: This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze.

Expiry Date: 12 months