Datasheet for ABIN2660182

anti-Galectin 9 antibody (PerCP-Cy5.5)

1 Image

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Overview

Quantity:	100 tests
Target:	Galectin 9 (LGALS9)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Galectin 9 antibody is conjugated to PerCP-Cy5.5
Application:	Flow Cytometry (FACS)

Product Details

Clone:	9M1-3
Isotype:	IgG1 kappa
Purification:	The antibody was purified by affinity chromatography and conjugated with PerCP/Cy5.5 under optimal conditions. The solution is free of unconjugated PerCP/Cy5.5 and unconjugated antibody.

Target Details

Target:	Galectin 9 (LGALS9)
Alternative Name:	Galectin-9 (LGALS9 Products)
Background:	Galectin-9 is a mammalian lectin with a molecular weight around 50 kD. It is a member of the β-galactoside-binding family. With two conserved carbohydrate recognition domains (CRDs), galectin-9 binds small β-galactosides as well as complex glycoconjugates. HAVCR2/TIM3 has

Target Details

been reported as one of its ligands. Galectin-9 may be retained intracellularly or transported to the cell surface where it can be cleaved to generate a soluble form. Galectin-9 is expressed by lymphocytes, dendritic cells, granulocytes, eosinophils, astrocytes, endothelial cells, fibroblasts, and thymus epithelial cells. It can be induced by cytokines in various cell types and is involved in cell aggregation, adhesion, chemotaxis, and apoptosis, galectin-9 induces regulatory T cells and suppresses Th1 and Th17 responses.

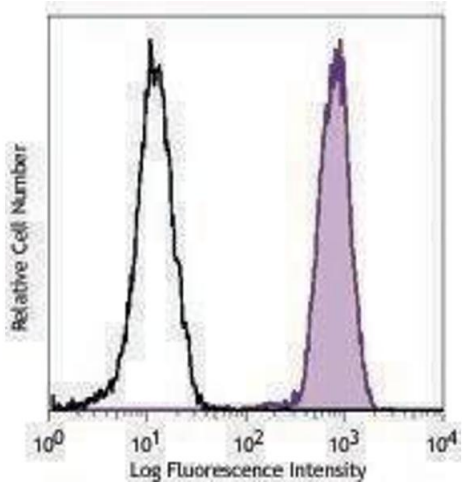
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide and 0.2 % (w/v) BSA .
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:	Protect from prolonged exposure to light. Do not freeze.
Storage:	4 °C
Storage Comment:	The antibody solution should be stored undiluted between 2°C and 8°C.

Images



Flow Cytometry

Image 1.