

Datasheet for ABIN2660184

anti-Galectin 9 antibody (PerCP-Cy5.5)[Go to Product page](#)**1** Image

Overview

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

Product Details

Clone:	RG9-35
Isotype:	IgG2a 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 of 40 kD that has two conserved carbohydrate recognition domains (CRDs) and forms homodimers. It recognizes N-acetyllactosamine (Galbeta1-4GlcNAc) and T-antigen (Galbeta1-3GalNAc). Tim-3 has been

Target Details

reported as its ligand. Galectin-9 is expressed by lymphocytes, dendritic cells, granulocytes, eosinophils, astrocytes, endothelial cells, fibroblasts, and thymus epithelial cells. It may be retained intracellularly or transported to the cell surface whereby cleavage generates a soluble form. Galectin-9 is involved in events such as cell aggregation, adhesion, chemotaxis, and apoptosis, and is important for the regulation of the immune response. Galectin-9 induces regulatory T cells, and suppresses Th1 and Th17 responses.

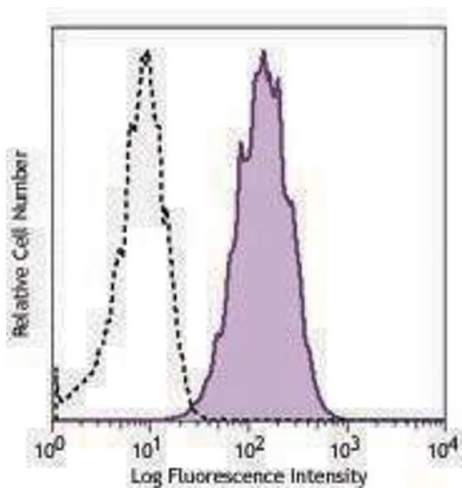
Application Details

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

Handling

Concentration:	0.2 mg/mL
Buffer:	Phosphate-buffered solution, pH 7.2, containing 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:	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.