

Datasheet for ABIN7505977
anti-Galectin 9 antibody[Go to Product page](#)

1 Image

Overview

Quantity:	0.1 mg
Target:	Galectin 9 (LGALS9)
Reactivity:	Human, Non-Human Primate
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Galectin 9 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-Hu Galectin-9 Purified
Immunogen:	recombinant M-type splicing variant of human galectin 9
Clone:	9M1-3
Isotype:	IgG1 kappa
Specificity:	The mouse monoclonal antibody 9M1-3 recognizes an epitope within C terminus of human galectin-9, a glycan-binding protein expressed mainly on activated Th cells and FoxP3+ Treg cells.
Purification:	Purified by protein-A affinity chromatography.

Target Details

Target:	Galectin 9 (LGALS9)
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Target Details

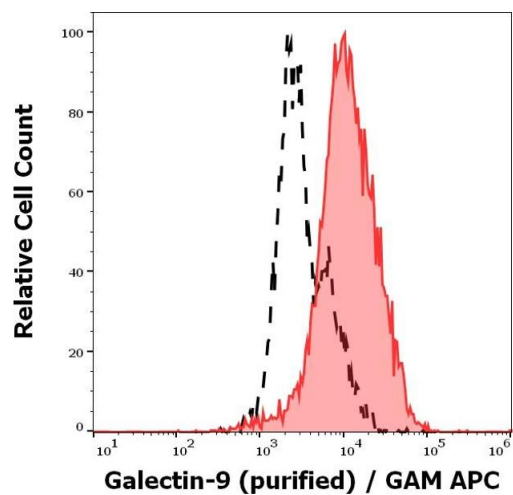
Alternative Name:	Galectin-9 (LGALS9 Products)
Background:	<p>Galectin 9, Galectin-9 is a glycan-binding protein, which is expressed in three main isoforms of 49 aa, 27 aa, and 15 aa. It can be detected on the cell surface, as well as intracellularly, or in a secreted form. On the cell surface, galectin-9 plays roles in contacts with other cells and with extracellular matrix. It is expressed on multiple cell types, but mainly on Treg cells, activated Th cells and some cancers. Its secreted form acts like a cytokine with immunomodulatory and immunosuppressive functions. Massive and inadequate production of galectin-9, associated with some viral infections or cancers, can counteract immune reactions to these illnesses. High levels of galectin-9 expression lead to poor prognosis of cancer patients., HUAT, LGALS9A, LEG9</p>
Gene ID:	3965
UniProt:	O00182

Application Details

Application Notes:	Flow cytometry: Recommended dilution: 1-4 µg/mL. Intracellular staining.
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	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. Do not freeze.



Flow Cytometry

Image 1. Separation of Jurkat cells stained using anti-Galectin-9 (9M1-3) purified antibody (concentration in sample 0,6 µg/mL, GAM APC, red-filled) from Jurkat cells unstained by primary antibody (GAM APC, black-dashed) in flow cytometry analysis (intracellular staining).