

Datasheet for ABIN655879

**anti-Galectin 3 antibody (C-Term)****2** Images[Go to Product page](#)

## Overview

Quantity:	400 µL
Target:	Galectin 3 (LGALS3)
Binding Specificity:	AA 163-191, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Galectin 3 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

## Product Details

Immunogen:	This LGALS3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 163-191 amino acids from the C-terminal region of human LGALS3.
Clone:	RB31668
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	Galectin 3 (LGALS3)
Alternative Name:	LGALS3 ( <a href="#">LGALS3 Products</a> )
Target Type:	Chemical

### Target Details

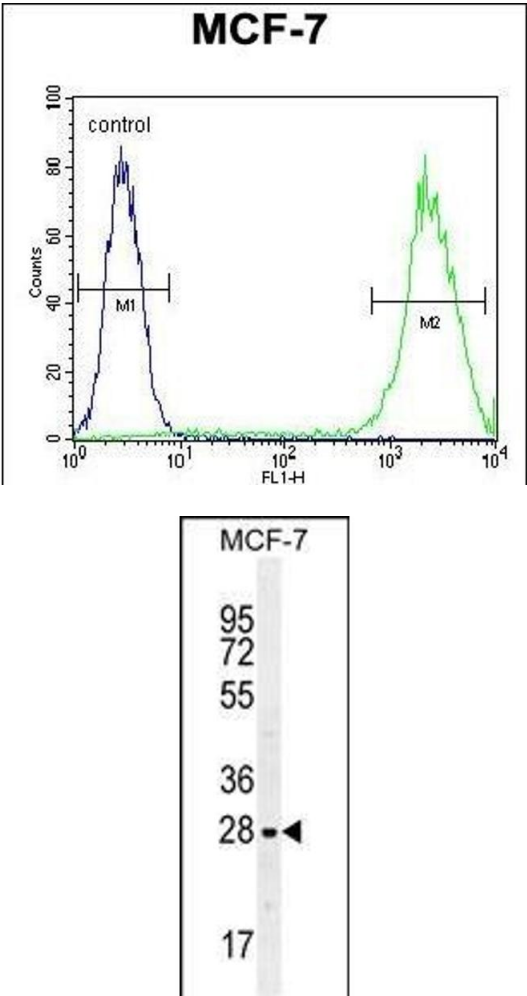
Background:	This gene encodes a member of the galectin family of carbohydrate binding proteins. Members of this protein family have an affinity for beta-galactosides. The encoded protein is characterized by an N-terminal proline-rich tandem repeat domain and a single C-terminal carbohydrate recognition domain. This protein can self-associate through the N-terminal domain allowing it to bind to multivalent saccharide ligands. This protein localizes to the extracellular matrix, the cytoplasm and the nucleus. This protein plays a role in numerous cellular functions including apoptosis, innate immunity, cell adhesion and T-cell regulation. Alternate splicing results in multiple transcript variants.
Molecular Weight:	26152
Gene ID:	3958
NCBI Accession:	<a href="#">NP_002297</a>
UniProt:	<a href="#">P17931</a>
Pathways:	<a href="#">RTK Signaling</a>

### Application Details

Application Notes:	WB: 1:1000. FC: 1:10~50
Restrictions:	For Research Use only

### Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Flow Cytometry

**Image 1.** LGALS3 Antibody (C-term) (ABIN655879 and ABIN2845280) flow cytometric analysis of MCF-7 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

**Image 2.** LGALS3 Antibody (C-term) (ABIN655879 and ABIN2845280) western blot analysis in MCF-7 cell line lysates (35  $\mu$ g/lane).This demonstrates the LGALS3 antibody detected the LGALS3 protein (arrow).