

Datasheet for ABIN2624835
anti-Galectin 3 antibody



[Go to Product page](#)

2 Images

Overview

Quantity:	50 µL
Target:	Galectin 3 (LGALS3)
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Galectin 3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Brand:	IHC-plus™
Immunogen:	Full length recombinant Galectin-3 expressed in and purified from E. coli. Type of Immunogen: Recombinant protein
Clone:	52C1
Isotype:	IgG1
Specificity:	Clone 52C1 is known to react with Galectin-3 from human, mouse and rat. Since Galectin-3 is highly conserved, it is likely that the antibody is effective on other species also.
Purification:	Affinity purified

Target Details

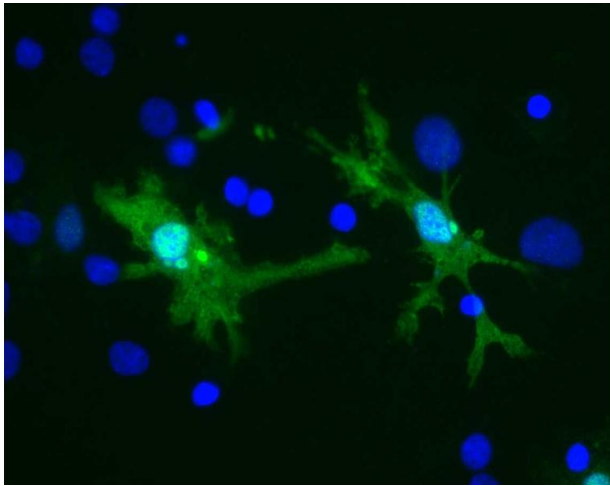
Target:	Galectin 3 (LGALS3)
Alternative Name:	LGALS3 / Galectin 3 (LGALS3 Products)
Target Type:	Chemical
Background:	Name/Gene ID: LGALS3 Synonyms: LGALS3, 35 kd lectin, 35 kDa lectin, CBP35, GAL3, Galactoside-binding protein, GALIG, IgE-binding protein, Laminin-binding protein, Gal-3, GALBP, MAC-2, Mac-2 antigen, L31, MAC2, CBP 35, Galactose-specific lectin 3, Galectin-3, L-31, Lectin L-29
Gene ID:	3958
Pathways:	RTK Signaling

Application Details

Application Notes:	Approved: ICC (1:1000), IF (1:1000), IHC, IHC-P (1:50), WB (1:10000) Usage: The antibody solution can be used at dilutions of at least 1:1000 in immunofluorescence experiments. In western blotting using chemiluminescence it can be used at dilutions of 1:10000 or lower.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

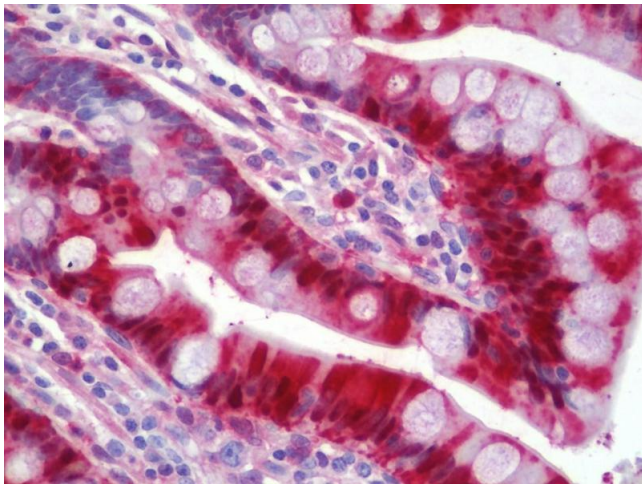
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, 10 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.
Handling Advice:	avoid freeze thaw cycles
Storage:	4 °C,-20 °C
Storage Comment:	Short term 4°C, long term aliquot and store at -20°C, avoid freeze-thaw cycles. Store undiluted.



Immunocytochemistry

Image 1. Rat brain neural cultures stained with (green) and DNA (blue). Staining can be seen in several types of glia and lymphocytic cells, including these cells which have the morphology of microglia. Surrounding cells reveal no Galectin-3 staining.



Immunohistochemistry

Image 2. Human Small Intestine: Formalin-Fixed, Paraffin-Embedded (FFPE)