



Datasheet for ABIN7427645
anti-Galectin 3 antibody (AA 1-250)



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3 Images

Overview

Quantity:	100 µL
Target:	Galectin 3 (LGALS3)
Binding Specificity:	AA 1-250
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Galectin 3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Galectin 3 (GAL3)
Immunogen:	Recombinant Galectin 3 (GAL3) corresponding to Met1~Ile250 with N-terminal His Tag
Clone:	D1
Isotype:	IgG1 kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against GAL3. It has been selected for its ability to recognize GAL3 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Rat
Purification:	Protein A + Protein G affinity chromatography

Target Details

Target:	Galectin 3 (LGALS3)
Alternative Name:	Galectin 3 (LGALS3 Products)
Target Type:	Chemical
Background:	LGALS3, CBP35, GALBP, GALIG, MAC2, 35 kDa lectin, Carbohydrate-binding protein 35, Galactose-specific lectin 3, Galactoside-binding protein, Laminin-binding protein, Lectin L-29
Pathways:	RTK Signaling

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

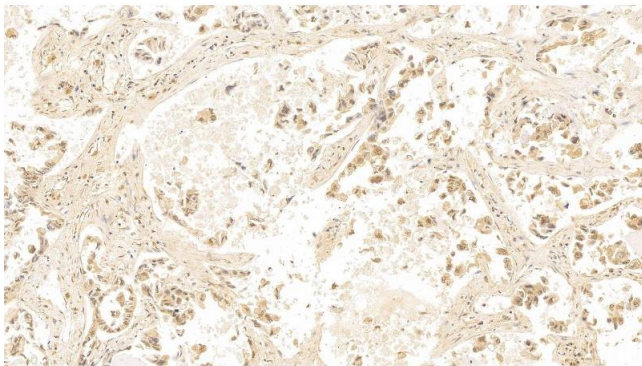
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



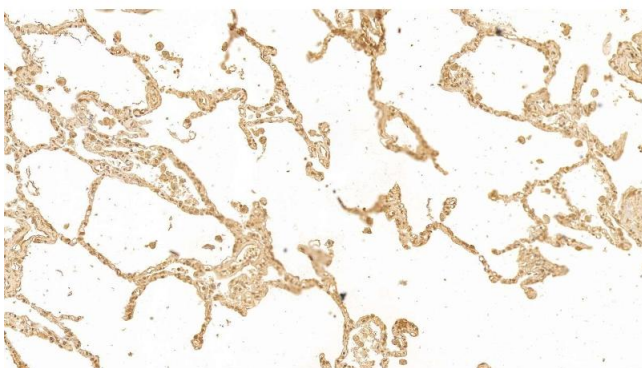
Western Blotting

Image 1. Detection of GAL3 in Rat Colon lysate using Monoclonal Antibody to Galectin 3 (GAL3)



Immunohistochemistry

Image 2. Detection of GAL3 in Human Lung cancer Tissue using Monoclonal Antibody to Galectin 3 (GAL3)



Immunohistochemistry

Image 3. Detection of GAL3 in Human Lung Tissue using Monoclonal Antibody to Galectin 3 (GAL3)