Anti-LGALS3 antibody

Catalog Number: 106067



Product name

Anti-LGALS3 antibody

Specificity

Human Galectin-3 / LGALS3

No cross-reactivity in ELISA with Human Galectin1; Human Galectin8; E.coli cell lysate

Antibody description

Mouse monoclonal to LGALS3

Preparation

This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human Galectin-3 / LGALS3 (rh Galectin-3 / LGALS3; P17931; Met1-Ile250). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.

Formulation

 $0.2 \mu m$ filtered solution in PBS with 5% trehalose

Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C.

Preservative-Free.

Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

Clonality

Monoclonal

Ig Type

Mouse IgG1

Applications

ELISA, WB

Dilutions

WB: 1-5 μg/mL

ELISA: $0.5-1 \mu g/mL$

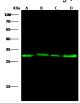
This antibody can be used at 0.5-1 μ g/mL with the appropriate secondary reagents to detect Human LGALS3. The detection limit for Human LGALS3 is approximately 0.039 ng/well.

Validations



Lanes	А	В	С	D		
Sample (whole cell lysate)	HELA	SW480	A431	MCF7		
Sample Volume (µ g/lane)	30	30	30	30		
Gel	13% SDS-PAGE reducing gel					
Recommended Concentration	1-5 µg/ml					
Secondary Antibody	Dylight 800-labeled Antibody To MouselgG (H+L), at 1:7500 dilution.					
Develop	ed using Odys	sey imaging sy	rstern.			
Explaination	Predicted band size : 28 kDa Observed band size : 31 kDa					

Galectin-3 / LGALS3 Antibody, Mouse MAb,



Items	A	В	С	D		
Sample (whole cell lysate)	HELA	SW480	A431	MCF7		
Sample Volume (µ g/lane)	30	30	30	30		
Gel	13% SDS-PAGE reducing gel					
Recommended Concentration	5 μ g/ml					
Secondary Antibody	Dylight 800-labeled Antibody To MouselgG (H+L), at 1:7500 dilution.					
Developed using Odyssey imaging system.						
Explanation	Predicted band size : 28kDa					

Western blot

Galectin-3 / LGALS3 Antibody, Mouse MAb, Western blot