

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 µm 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

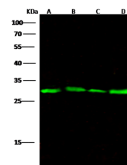
Dilutions

WB: 1-5 µg/mL

ELISA: 0.5-1 µg/mL

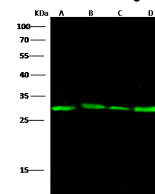
This antibody can be used at 0.5-1 µg/mL with the appropriate secondary reagents to detect Human LGALS3. The detection limit for Human LGALS3 is approximately 0.039 ng/well.

Validations



Items \ Lanes	A	B	C	D
Sample (whole cell lysate)	HELA	SW480	A431	MCF7
Sample Volume (µg/lane)	30	30	30	30
Gel	13% SDS-PAGE reducing gel			
Recommended Concentration	1.5 µg/ml			
Secondary Antibody	Dylight 800 labeled Antibody To MouseIgG (H+L), at 1:7500 dilution.			
Developed using Odyssey imaging system.				
Explanation	Predicted band size : 28 kDa Observed band size : 31 kDa			

Galectin-3 / LGALS3 Antibody, Mouse MAb,



Items \ Lanes	A	B	C	D
Sample (whole cell lysate)	HELA	SW480	A431	MCF7
Sample Volume (µg/lane)	30	30	30	30
Gel	13% SDS-PAGE reducing gel			
Recommended Concentration	5 µg/ml			
Secondary Antibody	Dylight 800 labeled Antibody To MouseIgG (H+L), at 1:7500 dilution.			
Developed using Odyssey imaging system.				
Explanation	Predicted band size : 28kDa Observed band size : 31 kDa			

Western blot

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