

Product Name: Galectin 8 (14S17) Rabbit Monoclonal Antibody
Catalog #: AMRe11270



Summary

Production Name	Galectin 8 (14S17) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,IHC-P,ICC/IF,FC,IP,IF-P
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type
Buffer	preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Immunogen

Gene Name	LGALS8
Alternative Names	LGALS8; Galectin-8g; Galectin-8; Po66-CBP; PCTA-1; Gal-8; Galectin 8; PCTA1;
Gene ID	3964.0
SwissProt ID	O00214 .

Application

Dilution Ratio	WB 1:1000-1:5000, IHC-P/IF-P 1:100-1:200, ICC/IF 1:50-1:100, FCM 1:10-1:100, IP 1:10-1:100
Molecular Weight	36kDa

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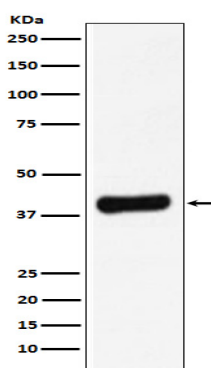


Background

Beta-galactoside-binding lectin that acts as a sensor of membrane damage caused by infection and restricts the proliferation of infecting pathogens by targeting them for autophagy. Beta-galactoside-binding lectin that acts as a sensor of membrane damage caused by infection and restricts the proliferation of infecting pathogens by targeting them for autophagy (PubMed: 22246324, PubMed: 28077878). Detects membrane rupture by binding beta-galactoside ligands located on the luminal side of the endosome membrane; these ligands becoming exposed to the cytoplasm following rupture (PubMed: 22246324, PubMed: 28077878). Restricts infection by initiating autophagy via interaction with CALCOCO2/NDP52 (PubMed: 22246324, PubMed: 28077878). Required to restrict infection of bacterial invasion such as *S.typhimurium* (PubMed: 22246324). Also required to restrict infection of Picornaviridae viruses (PubMed: 28077878). Has a marked preference for 3'-O-sialylated and 3'-O-sulfated glycans (PubMed: 21288902).

Research Area

Image Data



Western blot analysis of Galectin 8 expression in LNCaP cell lysate.

Note

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