

Galectin 8 (14S17) Rabbit Monoclonal Antibody
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Catalog # AP93700**Specification**

Galectin 8 (14S17) Rabbit Monoclonal Antibody - Product Information

Application	WB, IHC, IF, FC, ICC, IP
Primary Accession	O00214
Reactivity	Human
Clonality	Monoclonal
Calculated MW	35808

Galectin 8 (14S17) Rabbit Monoclonal Antibody - Additional Information**Gene ID** 3964**Other Names**

Galectin-8 {ECO:0000303|Ref.2}, Gal-8, Po66 carbohydrate-binding protein, Po66-CBP, Prostate carcinoma tumor antigen 1, PCTA-1, LGALS8 (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=6569)
HGNC:6569

Storage Conditions

-20°C

Galectin 8 (14S17) Rabbit Monoclonal Antibody - Protein Information**Name** LGALS8 ([HGNC:6569](#))**Function**

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](http://www.uniprot.org/citations/22246324), PubMed: [28077878](http://www.uniprot.org/citations/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](http://www.uniprot.org/citations/22246324), PubMed: [28077878](http://www.uniprot.org/citations/28077878)). Restricts infection by initiating autophagy via interaction with CALCOCO2/NDP52 (PubMed: [22246324](http://www.uniprot.org/citations/22246324), PubMed: [28077878](http://www.uniprot.org/citations/28077878)). Required to restrict infection of bacterial invasion such as *S.typhimurium* (PubMed: [22246324](http://www.uniprot.org/citations/22246324)). Also required to restrict infection of Picornaviridae viruses (PubMed: [28077878](http://www.uniprot.org/citations/28077878)). Has a marked preference for 3'-O-sialylated and 3'-O-sulfated glycans (PubMed: [21288902](http://www.uniprot.org/citations/21288902)).

Cellular Location

Cytoplasmic vesicle. Cytoplasm, cytosol

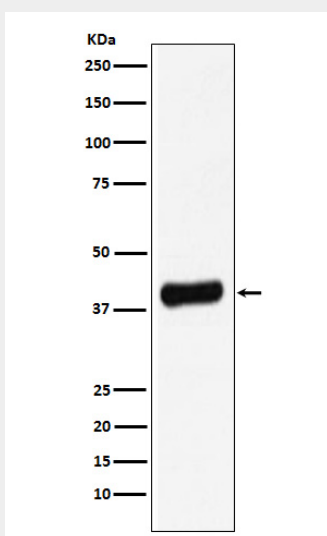
Tissue Location

Ubiquitous. Selective expression by prostate carcinomas versus normal prostate and benign prostatic hypertrophy

Galectin 8 (14S17) Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Galectin 8 (14S17) Rabbit Monoclonal Antibody - Images

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