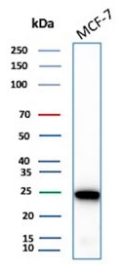
Recombinant LGALS3 Antibody rLGALS3/7286 / Galectin-3 Recombinant Mouse MAb [clone rLGALS3/7286] (V4350)

Catalog No.	Formulation	Size
V4350-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4350-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4350SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

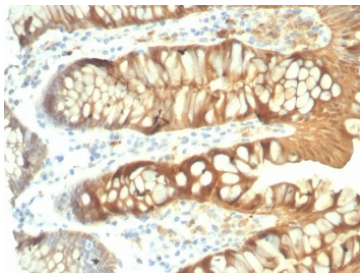
Recombinant | MOUSE MONOCLONAL

Bulk quote request

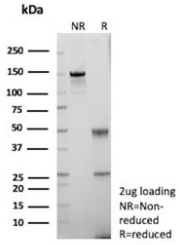
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Recombinant Mouse Monoclonal
Isotype	Mouse IgG1, kappa
Clone Name	rLGALS3/7286
Purity	Protein A/G affinity
UniProt	P17931
Localization	Cytoplasm
Applications	Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT Western blot: 2-4ug/ml
Limitations	This Recombinant LGALS3 Antibody rLGALS3/7286 is available for research use only.



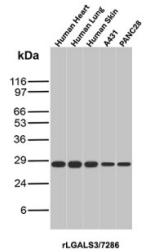
Western blot testing of human MCF7 cell lysate with recombinant LGALS3 antibody (clone rLGALS3/7286). Predicted molecular weight ~26 kDa.



IHC staining of FFPE human colon tissue with Recombinant LGALS3 Antibody rLGALS3/7286. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free recombinant LGALS3 antibody (clone rLGALS3/7286) as confirmation of integrity and purity.



Recombinant LGALS3 Antibody by WB in human tissues and cell lines. Western blot analysis of human heart, lung, and skin tissue lysates, along with A431 and PANC-28 cell lysates, using Recombinant LGALS3 Antibody rLGALS3/7286. A band is detected at approximately 29 kDa, consistent with the expected molecular weight of galectin-3.

Description

Galectin-3 is a member of the beta-galactosidase-binding lectin family. It is associated with cell growth, adhesion, inflammation, mRNA processing, and apoptosis. Aberrant expression of Galectin-3 is related to malignant transformation and metastasis in carcinomas of the breast, colon and thyroid. Galectin-3 reactivity can be seen in the nucleus of neutrophils, vascular endothelium, carcinomas of the colon, breast, and thyroid. Galectin-3 may be useful in the differentiation of benign and malignant thyroid neoplasms. Galectin-3 may also be useful in the identification of certain liver disorders.

Explore our Galectin-3 Antibody LGALS3/6583 for additional research tools targeting LGALS3, with Western blot, immunohistochemistry, and HuProt protein microarray validation.

Application Notes

Optimal dilution of the Recombinant LGALS3 Antibody rLGALS3/7286 should be determined by the researcher.

Immunogen

A recombinant fragment from the human protein was used as the immunogen for the recombinant LGALS3 antibody.

Storage

Aliquot the recombinant LGALS3 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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