

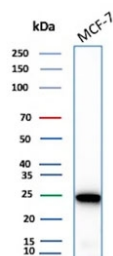
Recombinant LGALS3 Antibody / Galectin-3 [clone rLGALS3/7286] (V4350)

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

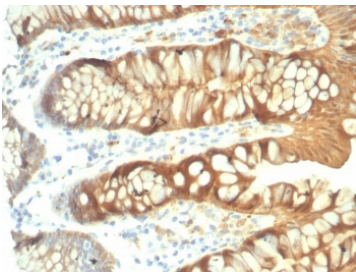
Recombinant **MOUSE MONOCLONAL**

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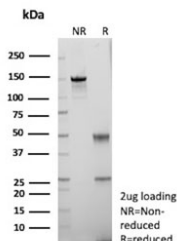
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Mouse Monoclonal
Isotype	Mouse IgG1, kappa
Clone Name	rLGALS3/7286
Purity	Protein A/G affinity
UniProt	P17931
Localization	Cytoplasm
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT Western Blot : 2-4ug/ml
Limitations	This recombinant LGALS3 antibody 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 (clone 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.

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.

Application Notes

Optimal dilution of the recombinant LGALS3 antibody 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.