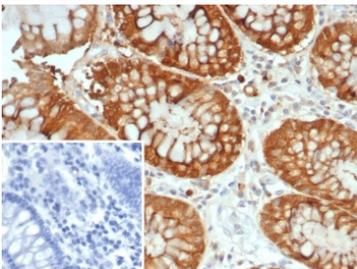


## Galectin 3 Antibody / LGALS3 [clone LGALS3/7145] (V5760)

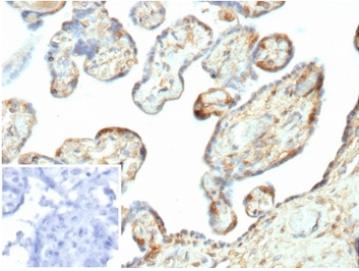
Catalog No.	Formulation	Size
V5760-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5760-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5760SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

### Bulk quote request

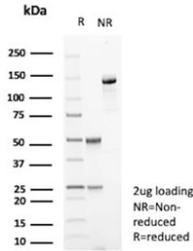
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG2b, lambda
<b>Clone Name</b>	LGALS3/7145
<b>Purity</b>	Protein G affinity
<b>UniProt</b>	P17931
<b>Localization</b>	Cytoplasm
<b>Applications</b>	Immunohistochemistry (FFPE) : 1-2ug/ml Western Blot : 2-4ug/ml
<b>Limitations</b>	This Galectin 3 antibody is available for research use only.



IHC staining of FFPE human colon tissue with Galectin 3 antibody (clone LGALS3/7145). Inset: PBS used in place of primary Ab (secondary Ab negative control).  
 HIERS: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human placental tissue with Galectin 3 antibody (clone LGALS3/7145). Inset: PBS used in place of primary Ab (secondary Ab negative control).  
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 Galectin 3 antibody (clone LGALS3/7145) 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 Galectin 3 antibody should be determined by the researcher.

## Immunogen

A portion of amino acids 1-250 from human LGALS3 protein was used as the immunogen for the Galectin 3 antibody.

## Storage

Aliquot the Galectin 3 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.