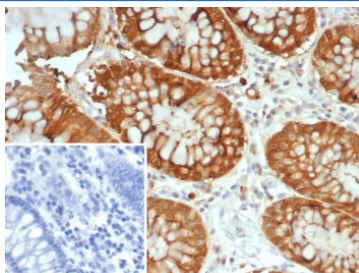


## Galectin 3 Antibody / LGALS3 [clone LGALS3/7145] (V5760)

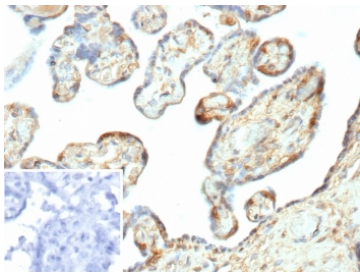
| Catalog No.    | Formulation                                                             | Size   |
|----------------|-------------------------------------------------------------------------|--------|
| V5760-100UG    | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 100 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](#)

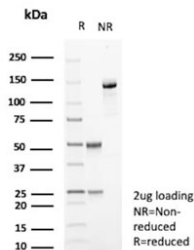
|                           |                                                                   |
|---------------------------|-------------------------------------------------------------------|
| <b>Availability</b>       | 1-3 business days                                                 |
| <b>Species Reactivity</b> | Human                                                             |
| <b>Format</b>             | Purified                                                          |
| <b>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<br>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).  
HIER: 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.