

# Recombinant Galectin 3 Monoclonal Antibody

Catalog Number:E-AB-81559



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

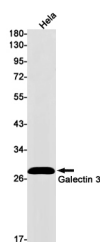
## Description

<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant protein of human Galectin 3
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Clone</b>	R01-5E1
<b>Purification</b>	Affinity Purified
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein

## Applications Recommended Dilution

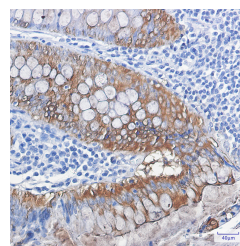
<b>WB</b>	1:500-1:1000
<b>IHC</b>	1:100-1:200
<b>IF</b>	1:50-1:100

## Data



Western blot detection of Galectin 3 in Hela cell lysates using Galectin 3 Rabbit mAb(1:1000 diluted).Predicted band size:26kDa.Observed band size:28kDa.

**Observed Mw:28kDa**  
**Calculated Mw:26kDa**



Immunohistochemistry of Galectin 3 in paraffin-embedded Human colon cancer tissue using Galectin 3 Rabbit mAb at dilution 1:100

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## Background

Galectins are a family of animal lectins defined by shared characteristic amino-acid sequences and affinity for  $\beta$ -galactose-containing oligosac-charides . Galectin-3 contains one carbohydrate recognition domain (CRD) and a proline- and glycine-rich N-terminal domain through which is able to form oligomers. Galectin-3 is widely expressed in many normal tissues and a variety of tumors. It is found intracellularly in nucleus and cytoplasm or secreted outside of cell,being present on the cell surface or in the extracellular space . Galectin-3 is involved in various biological processes including cell growth,adhesion,differentiation,apoptosis,angiogenesis,immune response,neoplastic transformation and metastasis .

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