Recombinant Galectin 3 Monoclonal Antibody

catalog number: **E-AB-81559**

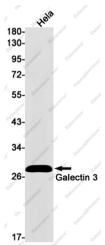
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Recombinant protein of human Galectin 3
Host	Rabbit
Isotype	Rabbit IgG
Clone	C323345
Purification	Affinity Purified
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

Applications	Recommended Dilution
WB	1:500-1:1000
IHC	1:100-1:200
IF	1:50-1:100

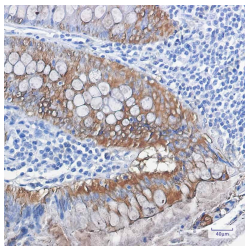
Data



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:28 kDa

Calculated-MW:26 kDa



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 Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

Galectins are a family of animal lectins defined by shared characteristic amino-acid sequences and affinity for β-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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