Galectin 3 Polyclonal Antibody

catalog number: E-AB-70105

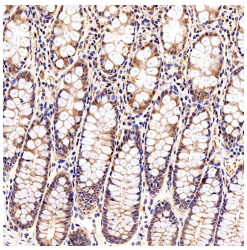
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

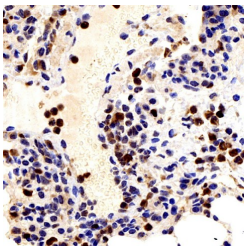
Reactivity	Human;Mouse
Immunogen	Recombinant protein corresponding to Mouse mac2
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 1% protein protectant and 50% glycerol.

Applications	Recommended Dilution
IHC	1:200-1:800

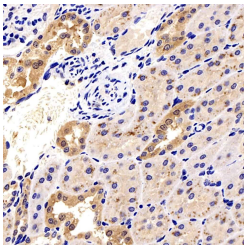
Data



Immunohistochemistry analysis of paraffin-embedded human colon tissue using Galectin 3 Polyclonal Antibody at dilution of 1:300.



Immunohistochemistry analysis of paraffin-embedded mouse lung using Galectin 3 Polyclonal Antibody at dilution of 1:300.



Immunohistochemistry analysis of paraffin-embedded Rat kidney using Galectin 3 Polyclonal Antibody at dilution of 1:300.

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 .