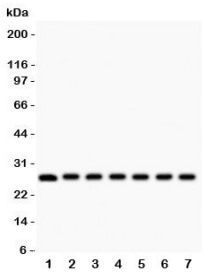
Galectin 3 Antibody (R31692)

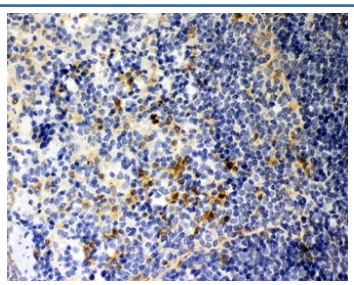
Catalog No.	Formulation	Size
R31692	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

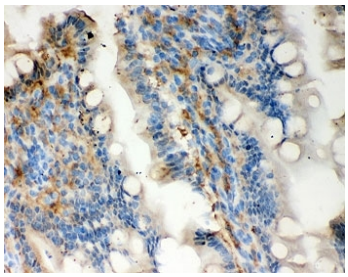
Availability	1-3 business days
Species Reactivity	Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
Gene ID	16854
Applications	Western Blot : 0.5-1ug/ml IHC (FFPE) : 0.5-1ug/ml
Limitations	This Galectin 3 antibody is available for research use only.



Western blot testing of Galectin 3 antibody and mouse samples 1: kidney; 2: liver; 3: spleen; 4: ovary; 5: HEPA; 6: ANA-1; 7: NIH3T3 lysate. Predicted/observed molecular weight ~26kDa



IHC-P: Galectin 3 antibody testing of mouse spleen tissue



IHC-P: Galectin 3 antibody testing of rat intestine tissue

Description

Galectin 3 (GAL3), also known as LGALS3, MAC2 or GALBP, is a member of the lectin family, of which 14 mammalian galectins have been identified. It is encoded by a single gene located on chromosome 14, locus q21Â–q22. Expression is seen in the nucleus, cytoplasm, mitochondria, and cell surface and extracellular space. Studies have also shown that the expression of Galectin 3 is implicated in a variety of processes associated with heart failure, including myofibroblast proliferation, fibrogenesis, tissue repair, inflammation, and ventricular remodeling. Galectin-3 is expressed in various tissues and organs, but is significantly absent in normal hepatocytes.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the Galectin 3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Mouse partial recombinant protein (AA 153-264) was used as the immunogen for this Galectin 3 antibody.

Storage

After reconstitution, the Galectin 3 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.