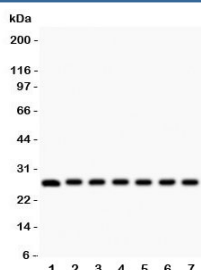


Galectin 3 Antibody (R31692)

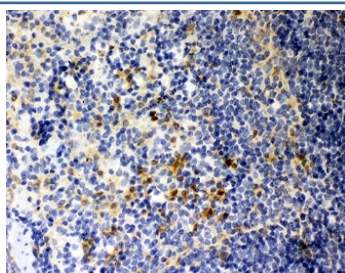
Catalog No.	Formulation	Size
R31692	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

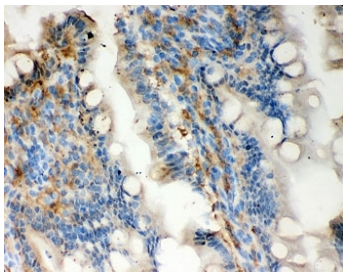
Availability	1-3 business days
Species Reactivity	Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
Gene ID	16854
Applications	Western Blot : 0.5-1ug/ml IHC (FFPE) : 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 q21-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 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.