

## Galectin-3 Mouse Monoclonal Antibody(6G2)

Catalog	TDY063C	TDY063F
Quantity	50 $\mu$ L	100 $\mu$ L

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Web: www.tdybio.com

**For research use only.**

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB, IHC	H	~26KD	IgG1

**Storage Buffer & Condition:** PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.  
Store at **-20°C. Do not aliquot the antibody.**

**Recommended dilutions:** WB: 1:2,000 IHC: 1:200

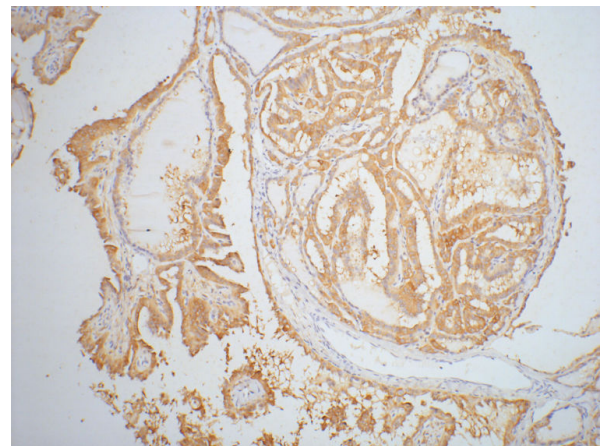
**Optimal dilutions should be determined by the end user.**

**Specificity:** Galectin-3 Mouse monoclonal antibody detects endogenous Galectin-3 proteins.

**Background:** Galectin 3 is one of the more extensively studied members of this family and is a 30 kDa protein. Due to a C-terminal carbohydrate binding site, Galectin 3 is capable of binding IgE and mammalian cell surfaces only when homodimerized or homooligomerized. Galectin 3 is normally distributed in epithelia of many organs, in various inflammatory cells, including macrophages, as well as dendritic cells and Kupffer cells. The expression of this lectin is up-regulated during inflammation, cell proliferation, cell differentiation and through trans-activation by viral proteins.



Western blot analysis of HeLa, with Galectin-3 mAb diluted at 1:3,000.



IHC staining of Human thyroid tissue paraffin-embedded with Galectin-3 mouse mAb (6G2) diluted at 1:200.