



## Galectin-3 Mouse Monoclonal Antibody(5D9)

Catalog TDY508C TDY508F

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Quantity 50μL 100μL

Entrez-Gene ID#3958 , Swiss-Prot Acc.#P17931

**For research use only.**

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
IHC,ELISA	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:** IHC: 1:100-200 ELISA:1:10,000-50,000

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

**Specificity:** Antibody can detects endogenous Human Galectin-3 protein.

**Alternative Names:** 35KD lectin, CBP35,GBP,IgE-binding protein, L31,Laminin binding protein,Lectin L29

**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.