

## Galectin-3 Mouse Monoclonal Antibody(8D7)

|          |         |         |  |
|----------|---------|---------|--|
| Catalog  | TDY507C | TDY507F | Tel: 010-80117836                            |
|          |         |         | Web: www.tdybio.com                          |
| Quantity | 50μL    | 100μL   | Entrez-Gene ID#3958 , Swiss-Prot Acc.#P17931 |

**For research use only.**

| Applications | Species Cross-Reactivity | Molecular Weight | Isotype |
|--------------|--------------------------|------------------|---------|
| WB,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.**

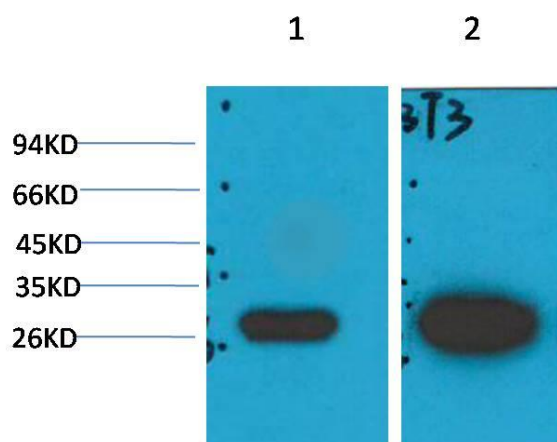
**Recommended dilutions:** WB: 1:1,000-2,000      IHC: 1:100-200      ELISA:1:10,000-50,000

**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.



Western blot analysis of 1)MCF7, 2) 3T3 with Galectin-3 Mouse mAb TDY507  
diluted at 1:2,000.