

Galectin-3 Mouse Monoclonal Antibody(8D7)

Catalog No.: RA10066

Basic Information

Information

Reactivity	H
Immunogen	Protein
Host	Mouse
Isotype	IgG1
Storage Buffer & Condition	1mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol.
Observed MW	26KD

Applications

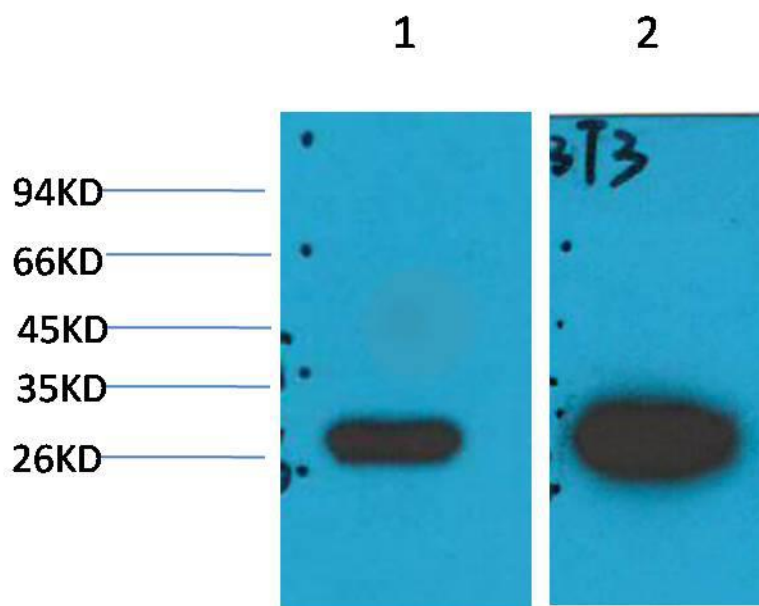
Recommended Dilution

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

Preparation & Storage

Storage	Store at -20°C. Stable for one year from the date of shipment.
Shipping	Bule Ice

Experimental Data



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

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.