

## Galectin-1 Polyclonal Antibody

**CATALOG NO:** 3596-30T 30 µg (Trial size)  
3596-100 100 µg

**HOST:** Rabbit

**IMMUNOGEN:** Recombinant human Galectin-1 (Cat. # 4648-50)  
ID# BV-252

### FORMULATION:

0.5mg/ml antigen affinity purified rabbit anti-human Galectin-1 polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.1% BSA, and 0.01% thimerosal.

**SPECIES REACTIVITY:** Human

### STORAGE CONDITIONS:

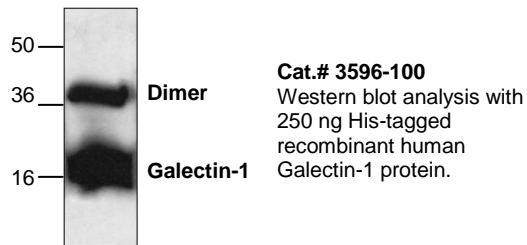
Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

### DESCRIPTION:

Galectins are a family of soluble  $\beta$ -galactoside-binding animal lectins that modulate cell-to-cell and cell-to-ECM interactions, as well as apoptosis. Galectin-1 has the ability to induce apoptosis of activated T-cells and T-leukaemia cell lines. Other activities include cell differentiation and inhibition activity of CD45 protein phosphatase activity. Galectin also binds beta-galactoside as well as CD45, CD3 and CD4. Human Galectin is a 14.5 kDa protein consisting of 134 amino acid residues.

### APPLICATION:

The antibody can be used for Western blotting (0.5 – 2.0 µg/ml) and Immunohistochemistry (5 µg/ml). However, the optimal concentrations should be determined individually.



**FOR RESEARCH USE ONLY! Not to be used on humans.**

### RELATED PRODUCTS:

#### Apoptosis Detection Kits & Reagents

- Annexin V Kits & Bulk Reagents
- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

#### Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

#### Cell Proliferation & Senescence

- Quick Cell Proliferation Assay Kit
- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

#### Cell Damage & Repair

- HDAC Fluorometric & Colorimetric Assays & Drug Discovery Kits
- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

#### Signal Transduction

- cAMP & cGMP Assay Kits
- Akt & JNK Activity Assay Kits
- Beta-Secretase Activity Assay Kit

#### Adipocyte & Lipid Transfer

- Recombinant Adiponectin, Survivin, & Leptin
- CETP Activity Assay & Drug Discovery Kits
- PLTP Activity Assay & Drug Discovery Kits
- Total Cholesterol Quantification Kit

#### Molecular Biology & Reporter Assays

- siRNA Vectors
- Cloning Insert Quick Screening Kit
- Mitochondrial & Genomic DNA Isolation Kits
- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
- $\beta$ -Galactosidase Staining Kit & Luciferase Reporter Assay Kit

#### Growth Factors and Cytokines

#### Monoclonal and Polyclonal Antibodies