

Anti-Galectin-1 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse (predicted:Rat,Pig)
Molecular Weight:	Theoretical: 15 kDa. Actual: 15 kDa.
Purification:	Protein A purified

Applications

1. Blank control: U2-OS.
 Primary Antibody (green line): Rabbit Anti-Galectin-1 antibody (TMAB-06301)
 Dilution: 1 µg/Test;
 Secondary Antibody: Goat anti-rabbit IgG-FITC
 Dilution: 0.5 µg/Test.
 Protocol

The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

Verified Activity: 2. Sample: NIH/3T3 (Mouse) Cell Lysate at 30 µg
 Primary: Anti-Galectin-1 (TMAB-06301) at 1/500 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
 Predicted band size: 15 kD
 Observed band size: 15 kD

3. Antigen r Tissue/cell: human gastric carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded;
 retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min;
 Incubation: Anti-Galectin-1 Polyclonal Antibody, Unconjugated (TMAB-06301) 1: 200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining

Application: WB,IHC-P,IHC-Fr,IF,FCM

Recommended WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500; FCM: 1µg/Test

Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human Galectin-1
Antigen Species: Human
Gene ID: 3956
Uniprot ID: P09382

Research Background

The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. This gene product may act as an autocrine negative growth factor that regulates cell proliferation. [provided by RefSeq, Jul 2008].

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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