

bsm-33248M**[Primary Antibody]**

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Galectin 3 Mouse mAb**— DATASHEET —****Host:** Mouse**Clonality:** Monoclonal**GeneID:** 3958**Target:** Galectin 3**Purification:** affinity purified by Protein G**Concentration:** 1mg/ml

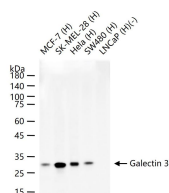
Storage: Size : 50ul/100ul/200ul
0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Size : 200ug (PBS only)
0.01M PBS
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: This gene encodes a member of the galectin family of carbohydrate binding proteins. Members of this protein family have an affinity for beta-galactosides. The encoded protein is characterized by an N-terminal proline-rich tandem repeat domain and a single C-terminal carbohydrate recognition domain. This protein can self-associate through the N-terminal domain allowing it to bind to multivalent saccharide ligands. This protein localizes to the extracellular matrix, the cytoplasm and the nucleus. This protein plays a role in numerous cellular functions including apoptosis, innate immunity, cell adhesion and T-cell regulation. The protein exhibits antimicrobial activity against bacteria and fungi. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Oct 2014]

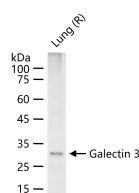
Isotype: IgG**CloneNo.:** 7E4**SWISS:** P17931**Applications:** WB (1:500-2000)**IHC-P** (1:200-1000)**IHC-F** (1:200-1000)**IF** (1:200-1000)**Reactivity:** Human, Rat

Predicted
MW.: 29 kDa

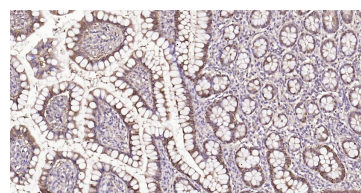
Subcellular Secreted ,Cell membrane
Location: ,Cytoplasm ,Nucleus

— VALIDATION IMAGES —

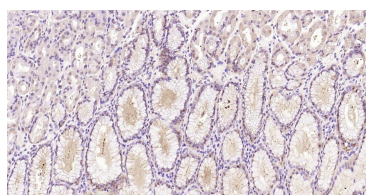
25 ug total protein per lane of various lysates (see on figure) probed with Galectin 3 monoclonal antibody, unconjugated (bsm-33248M) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



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Paraformaldehyde-fixed, paraffin embedded Human Small Intestine; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Galectin 3 Monoclonal Antibody, Unconjugated (ascites of bsm-33248M) at 1:1000 overnight at 4°C, followed by conjugation to the SP Kit (Mouse, sp-0024) and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Fundus; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Galectin 3 Monoclonal

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Antibody, Unconjugated (ascites of bsm-33248M) at 1:1000 overnight at 4°C, followed by conjugation to the SP Kit (Mouse, sp-0024) and DAB (C-0010) staining.