
Galectin 3 Mouse mAb

Catalog Number: bsm-33248M

Target Protein: Galectin 3

Concentration: 1mg/ml

Form: Size : 50ul/100ul/200ul

Liquid

Size : 200ug (PBS only)

Lyophilized

Note: Centrifuge tubes before opening. Reconstitute the lyophilized product in distilled water. Optimal concentration should be determined by the end user.

Host: Mouse

Clonality: Monoclonal

Clone No.: 7E4

Isotype: IgG

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

Entrez Gene: 3958

Swiss Prot: P17931

Purification: affinity purified by Protein G

Storage: Size : 50ul/100ul/200ul

0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Size : 200ug (PBS only)

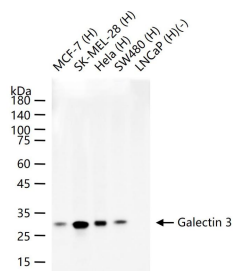
0.01M PBS

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

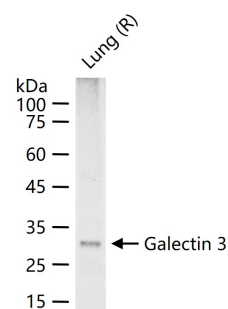
Background: This gene encodes a member of the galectin family of carbohydrate binding proteins.

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]

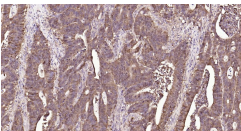
VALIDATION IMAGES



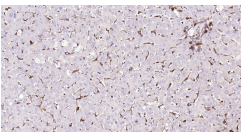
25 ug total protein per lane of various lysates (see on figure) probed with Galectin 3 monoclonal antibody, unconjugated (bsm-33248M) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



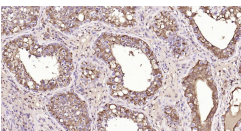
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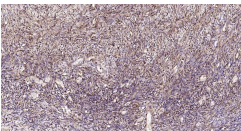
Paraformaldehyde-fixed, paraffin embedded Human Colon Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Galectin 3 Monoclonal Antibody, Unconjugated (ascites of bsm-33248M) at 1:1000 overnight at 4°C, followed by conjugation to the SP Kit (Mouse,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



Paraformaldehyde-fixed, paraffin embedded Human Liver; 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 Testicles; 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 Ovary; 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.