

bsm-33049M**[Primary Antibody]****Bioss**
ANTIBODIES

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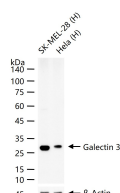
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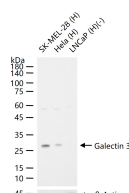
400-901-9800

Galectin 3 Mouse mAb**— DATASHEET —**

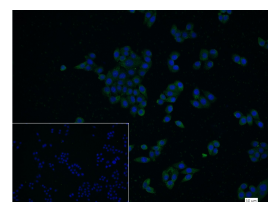
Host: Mouse	Isotype: IgG	Applications: WB (1:500-2000) ICC/IF (1:100) Reactivity: Human Predicted MW.: 29 kDa Subcellular Location: Secreted ,Cell membrane ,Cytoplasm ,Nucleus
Clonality: Monoclonal	CloneNo.: 8A2	
GeneID: 3958	SWISS: P17931	
Target: Galectin 3		
Purification: affinity purified by Protein 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]		

— VALIDATION IMAGES —

25 ug total protein per lane of various lysates (see on figure) probed with Galectin 3 monoclonal antibody, unconjugated (bsm-33049M) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



25 ug total protein per lane of various lysates (see on figure) probed with Galectin 3 monoclonal antibody, unconjugated (bsm-33049M) at 1:2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



4% Paraformaldehyde-fixed MCF-7 (H) cell; Triton X-100 at r.t. for 20 min; Antibody incubation with (Galectin 3) monoclonal Antibody, unconjugated (bsm-33049M) 1:100, 90 min at 37°C; followed by conjugated Goat Anti-Mouse IgG antibody (green, bs-60296G-FITC) at 37°C for 90 min, DAPI (blue, C02-04002) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.