

bsm-51174M**[Primary Antibody]****EpCAM Mouse mAb****BioSS**
ANTIBODIES

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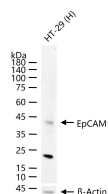
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— DATASHEET —

Host: Mouse	Isotype: IgG1	Applications: WB (1:500-1000) ELISA (1:5000-10000) Reactivity: Human Predicted MW.: 35 kDa Subcellular Location: Cell membrane
Clonality: Monoclonal	CloneNo.: 10A8	
GeneID: 4072	SWISS: P16422	
Target: EpCAM		
Immunogen: KLH conjugated synthetic peptide derived from human EpCAM: 50-100. < Extracellular >		
Purification: affinity purified by Protein G		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: This gene encodes a carcinoma-associated antigen and is a member of a family that includes at least two type I membrane proteins. This antigen is expressed on most normal epithelial cells and gastrointestinal carcinomas and functions as a homotypic calcium-independent cell adhesion molecule. The antigen is being used as a target for immunotherapy treatment of human carcinomas. Mutations in this gene result in congenital tufting enteropathy. [provided by RefSeq, Dec 2008]		

— VALIDATION IMAGES —

25 ug total protein per lane of various lysates (see on figure) probed with EpCAM monoclonal antibody, unconjugated (bsm-51174M) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

— SELECTED CITATIONS —

- **[IF=9.3]** Ke Mo. et al. Targeting hnRNPC suppresses thyroid follicular epithelial cell apoptosis and necroptosis through m6A-modified ATF4 in autoimmune thyroid disease. PHARMACOL RES. 2023 Sep;;106933 IF ;Human. 37729957
- **[IF=8.758]** Zeyu Li. et al. Imaging-Guided Chemo-Photothermal Polydopamine Carbon Dots for EpCAM-Targeted Delivery toward Liver Tumor. Acs Appl Mater Inter. 2021;XXXX(XXX):XXX-XXX IF ;Human. 34137582