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## EpCAM Mouse mAb

Catalog Number: bsm-51174M

Target Protein: EpCAM

Concentration: 1mg/ml

Form: Liquid

Host: Mouse

Clonality: Monoclonal

Clone No.: 10A8

Isotype: IgG1

Applications: WB (1:500-2000), ELISA (1:5000-10000)

Reactivity: (predicted:Human)

Predicted MW: 35 kDa

Entrez Gene: 4072

Swiss Prot: P16422

Source: KLH conjugated synthetic peptide derived from human EpCAM: 50-100.

Purification: affinity purified by Protein G

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]

### PRODUCT SPECIFIC PUBLICATIONS

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[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

[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