

bsm-60797R**[Primary Antibody]****BioSS**
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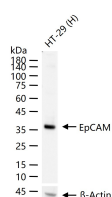
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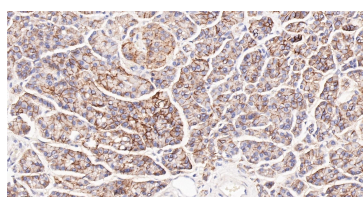
400-901-9800

EpCAM Recombinant Rabbit mAb**— DATASHEET —****Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** C4A12**GeneID:** 4072**SWISS:** P16422**Target:** EpCAM**Immunogen:** A synthesized peptide derived from human EpCAM: 64-100/314.**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** PBS, Glycerol, BSA.

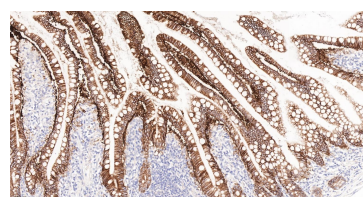
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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]**Applications:** WB (1:1000-2000)**IHC-P** (1:200-800)**IHC-F** (1:200-800)**IF** (1:200-800)**Reactivity:** Human**Predicted
MW.:** 35 kDa**Observed
MW.:** 36 kDa**Subcellular
Location:** Cell membrane**— VALIDATION IMAGES —**

25 ug total protein per lane of various lysates (see on figure) probed with EpCAM monoclonal antibody, unconjugated (bsm-60797R) at 1:2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Pancreas; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with EpCAM Monoclonal Antibody, Unconjugated (bsm-60797R) at 1:500 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Small Intestine; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with EpCAM Monoclonal Antibody, Unconjugated (bsm-60797R) at 1:500 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.

— SELECTED CITATIONS —

- **[IF=4.3]** Jianwei Dong. et al. Efficient detection of heterogeneous CTCs using folate modified magnetic beads combined with microfluidic spatial confinement signal amplification. CHEM ENG SCI. 2025 Jun;;121983 ;. 10.1016/j.ces.2025.121983