

**EpCAM monoclonal antibody**

Catalog: MB10883

Host: Rabbit

Reactivity: Human, Mouse, Rat

**BackGround:**

May act as a physical homophilic interaction molecule between intestinal epithelial cells (IECs) and intraepithelial lymphocytes (IELs) at the mucosal epithelium for providing immunological barrier as a first line of defense against mucosal infection. Plays a role in embryonic stem cells proliferation and differentiation. Up-regulates the expression of FABP5, MYC and cyclins A and E.

**Product:**

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

**Molecular Weight:**

Calculated MW: 35 kDa; Observed MW: 35,39 kDa

**Swiss-Prot:**

P16422

**Purification&Purity:**

Affinity Purified

**Applications:**

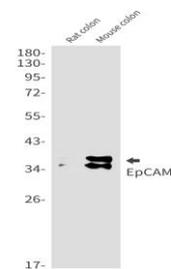
WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200  
IP: 1/20

**Storage&Stability:**

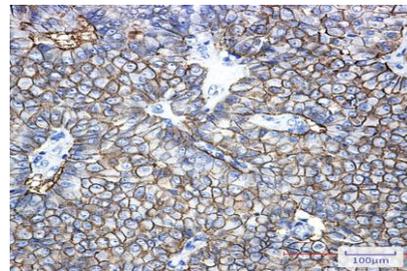
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Isotype:**

IgG

**DATA:**

Western blot analysis of EpCAM in rat colon, mouse colon lysates using EpCAM antibody.



Western blot analysis of EpCAM in MCF-7, HCT116, T47D, Hela lysates using EpCAM antibody.

Immunohistochemistry analysis of paraffin-embedded Human breast cancer using EpCAM antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Immunocytochemistry analysis of EpCAM in MCF-7 using EpCAM antibody, and DAPI.

**Note:**

For research use only, not for use in diagnostic procedure.

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