
Product Name: EpCAM Mouse Monoclonal Antibody**Catalog #: AMM85040**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IP
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.5%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IP 1:10-1:20
Molecular Weight	Calculated MW: 35 kDa; Observed MW: 39 kDa

Antigen Information

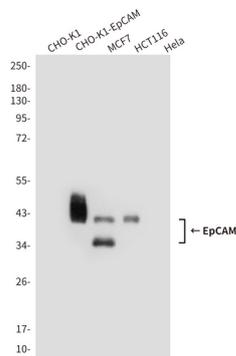
Gene Name	EpCAM EPCAM; GA733-2; M1S2; M4S1; MIC18; TACSTD1; TROP1; Epithelial cell adhesion molecule; Ep-CAM; Adenocarcinoma-associated antigen; Cell surface glycoprotein Trop-1; Epithelial cell surface antigen; Epithelial glycoprotein; EGP; Epithelial glycoprotein 314; EGP314; hEGP314; KS 1/4 antigen; KSA; Major gastrointestinal tumor-associated protein GA733-2; Tumor-associated calcium signal transducer 1; CD326
Alternative Names	
Gene ID	4072.0
SwissProt ID	P16422
Immunogen	Purified recombinant EpCAM protein fragments expressed in E.coli.

Background

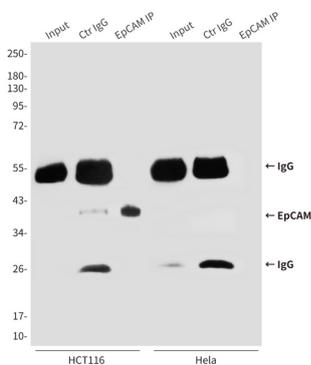
May act as a physical homophilic interaction molecule between intestinal epithelial cells (IECs) and intraepithelial lymphocytes (IELs) at the mucosal epithelium for providing immunological barrier as a first line of defense against mucosal infection. Plays a role in embryonic stem cells proliferation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

Research Area

Image Data



Western blot analysis of EpCAM in CHO-K1 transfected by FlagEpCAM, MCF-7(EpCAM positive), HCT116(EpCAM positive), and HeLa(EpCAM negative) lysates using EpCAM antibody.



Immunoprecipitation analysis of EpCAM in HCT116 and HeLa lysates using EpCAM antibody.