

Product Name: EpCAM (1D5) Mouse Monoclonal Antibody
Catalog #: AMM03641



Summary

Production Name	EpCAM (1D5) Mouse Monoclonal Antibody
Description	Primary antibody
Host	Mouse
Application	WB,IP
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purified

Immunogen

Gene Name	EPCAM EPCAM; GA733-2; M1S2; M4S1; MIC18; TACSTD1; TROP1; Epithelial cell adhesion molecule; Ep-CAM; Adenocarcinoma-associated antigen; Cell surface glycoprotein
Alternative Names	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
Gene ID	4072
SwissProt ID	P16422

Application

Dilution Ratio	WB: 1/500-1/1000 IP: 1/20
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Molecular Weight

Calculated MW: 35 kDa; Observed MW: 39 kDa

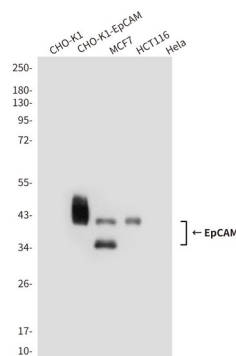
Background

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.

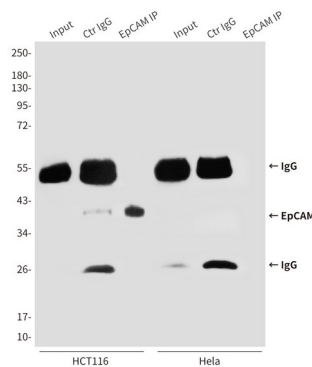
Research Area

Tags & Cell Markers

Image Data



Western blot analysis of EpCAM (1D5) in CHO-K1 transfected by FlagEpCAM, MCF-7(EpCAM positive), HCT116(EpCAM positive), and HeLa(EpCAM negative) lysates using EpCAM (1D5) antibody.



Immunoprecipitation analysis of EpCAM (1D5) in HCT116 and HeLa lysates using EpCAM antibody.

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Note

For research use only.