EpCAM Rabbit mAb

Catalog No: #48817

Package Size: #48817-1 50ul #48817-2 100ul



Orders: order@signalwayantibody.com Support: tech@signalwayantibody.com

Host Species Re Clonality Mo Clone No. SL Purification Pro Applications WE	bCAM Rabbit mAb ecombinant Rabbit onoclonal antibody J03-32 oA affinity purified B, IHC
Clonality Mc Clone No. SL Purification Pro Applications Wi	onoclonal antibody J03-32 oA affinity purified B, IHC
Clone No. SL Purification Pro Applications Wi	J03-32 oA affinity purified B, IHC
Purification Pro Applications WI	oA affinity purified B, IHC
Applications WI	B, IHC
Species Reactivity Hu	ı, Ms, Rt
Immunogen Description rec	combinant protein
Other Names 17	1A antibody 323/A3 antibody Adenocarcinoma associated antigen antibody Adenocarcinoma-associated
an	tigen antibody Antigen identified by monoclonal antibody AUA1 antibody AUA1 antibody CD326 antibody
CC	D326 antigen antibody Cell surface glycoprotein Trop 1 antibody Cell surface glycoprotein Trop 2 antibody
Ce	ell surface glycoprotein Trop-1 antibody CO 17A antibody CO17 1A antibody CO17A antibody DIAR5
an	tibody EGP 2 antibody EGP antibody EGP2 antibody EGP314 antibody EGP40 antibody Ep CAM
an	tibody Ep-CAM antibody EPCAM antibody EPCAM_HUMAN antibody EpCAM1 antibody Epithelial cell
ad	hesion molecule antibody Epithelial Cell Adhesion Molecule Intracellular Domain (EpCAM-ICD) antibody
Ep	ithelial cell surface antigen antibody Epithelial cellular adhesion molecule antibody Epithelial glycoprotein 1
an	tibody Epithelial glycoprotein 314 antibody Epithelial glycoprotein antibody ESA antibody GA733 1
an	tibody GA733 2 antibody GA733-2 antibody gastrointestinal tumor-associated antigen 2, 35-KD
gly	coprotein antibody gp4 antibody hEGP 2 antibody hEGP314 antibody HNPCC8 antibody Human
ер	ithelial glycoprotein 2 antibody KS 1/4 antigen antibody KS1/4 antibody KSA antibody Ly74 antibody
Ly	mphocyte antigen 74 antibody M1S 1 antibody M1S2 antibody M4S1 antibody Major gastrointestinal
tur	mor associated protein GA733 2 antibody Major gastrointestinal tumor-associated protein GA733-2
an	tibody mEGP314 antibody Membrane component chromosome 4 surface marker (35kD glycoprotein)
an	tibody Membrane component, chromosome 4, surface marker 1 antibody Membrane component,
ch	romosome 4, surface marker antibody MIC18 antibody MK 1 antibody Protein 289A antibody TACD1
an	tibody TACSTD1 antibody TROP1 antibody Tumor associated calcium signal transducer 1 antibody
Tu	mor associated calcium signal transducer 2 precursor antibody Tumor-associated calcium signal
tra	insducer 1 antibody
Accession No. Sw	viss-Prot#:P16422
Uniprot P1	6422
GenelD 40	72;
Calculated MW 35	i kDa
Formulation 1**	TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage Sto	ore at -20°C

Application Details

WB: 1:1,000-1:2,000 IHC: 1:100-1:500



Western blot analysis of EpCAM on different lysates using anti-EpCAM antibody at 1/1,000 dilution. Positive control: Lane 1: HCT116 Lane 2: SW480



Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-EpCAM antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-EpCAM antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human colon tissue using anti-EpCAM antibody. Counter stained with hematoxylin.

Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-EpCAM antibody. Counter stained with hematoxylin.

Background

EPCAM is a carcinoma-associated antigen and belongs to a family which includes at least 2 type I membrane proteins. The EPCAM protein has a role in embryonic stem cells proliferation and differentiation. EPCAM is used as a target for immunotherapy treatment of human carcinomas. EPCAM is expressed on most normal epithelial cells and gastrointestinal carcinomas and acts as a homotypic calcium-independent cell adhesion molecule. Epithelial cell adhesion molecules (EPCAM) can act as a physical homophilic interaction molecule between intestinal epithelial cells (IECs) and intraepithelial lymphocytes (IELs) at the mucosal epithelium for supplying immunological barrier as a first line of defense against mucosal infection. EPCAM gene mutations result in congenital tufting enteropathy.

References

Note: This product is for in vitro research use only