

Mouse anti-Human EP-CAM Monoclonal Antibody | anti-EP-CAM antibody

EP-CAM Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320046	Mouse	Human	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

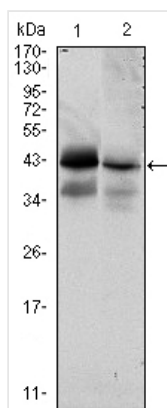
PRODUCT SYNONYMS

EP-CAM; Monoclonal Antibody; EP-CAM Monoclonal Antibody; Epithelial cell adhesion molecule; EPCAM; GA733-2; M1S2; M4S1; MIC18; TACSTD1; TROP1; Ep-CAM; Adenocarcinoma-associated antigen; Cell surface glycoprotein Trop-1; Epithelial cell surface antigen; Epithelial glycoprotein; EGP; Epithelial gly; anti-EP-CAM antibody

PRODUCT SPECIFICATIONS

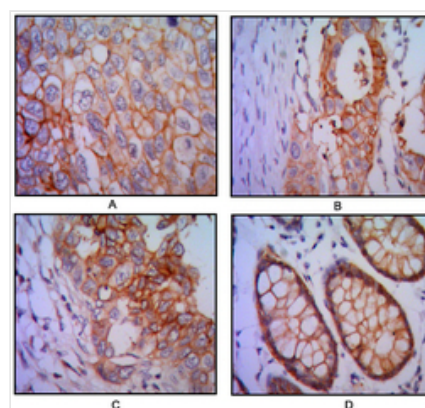
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Specificity	EP-CAM Monoclonal Antibody detects endogenous levels of EP-CAM protein.
Purity/Purification	Affinity purification
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Applicable Applications for anti-EP-CAM antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human EP-CAM expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human lung cancer (A), colon cancer (B), breast cancer (C) and rectal cancer (D) with DAB staining using EP-CAM Monoclonal Antibody.



WB (Western Blot)

Western Blot analysis using EP-CAM Monoclonal Antibody against HTC116 (1) and T47D (2) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-EP-CAM antibody	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]
Product Categories/Family for anti-EP-CAM antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	218505670
NCBI GeneID	4072
NCBI Accession #	NP_002345.2
NCBI GenBank Nucleotide #	NM_002354.2
UniProt Accession #	P16422; P18180; Q6FG26; Q6FG49; Q96C47; Q9UCD0
Molecular Weight	34,932 Da
NCBI Official Full Name	epithelial cell adhesion molecule
NCBI Official Synonym Full Names	epithelial cell adhesion molecule
NCBI Official Symbol	EPCAM
NCBI Official Synonym Symbols	ESA; KSA; M4S1; MK-1; DIAR5; EGP-2; EGP40; KS1/4; MIC18; TROP1; EGP314; HNPCC8; TACSTD1
NCBI Protein Information	epithelial cell adhesion molecule; epithelial glycoprotein 314; human epithelial glycoprotein-2; cell surface glycoprotein Trop-1; adenocarcinoma-associated antigen; tumor-associated calcium signal transducer 1; major gastrointestinal tumor-associated pro
UniProt Protein Name	Epithelial cell adhesion molecule
UniProt Gene Name	EPCAM
UniProt Synonym Gene Names	GA733-2; M1S2; M4S1; MIC18; TACSTD1; TROP1; Ep-CAM; EGP; EGP314; hEGP314
UniProt Entry Name	EPCAM_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/ep-cam-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/320046>