

Mouse anti-Human EPCAM Monoclonal Antibody | anti-EPCAM antibody

Anti-EPCAM Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA249030	Mouse	Human	Immunohistochemistry, Western Blot, ELISA

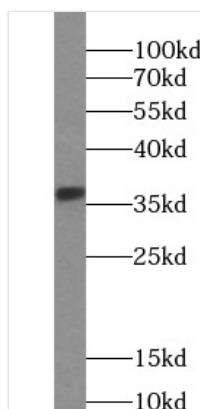
PRODUCT SYNONYMS

EPCAM; Monoclonal Antibody; Anti-EPCAM Antibody; GA733-2; M1S2; M4S1; MIC18; TACSTD1; TROP1; anti-EPCAM antibody

PRODUCT SPECIFICATIONS

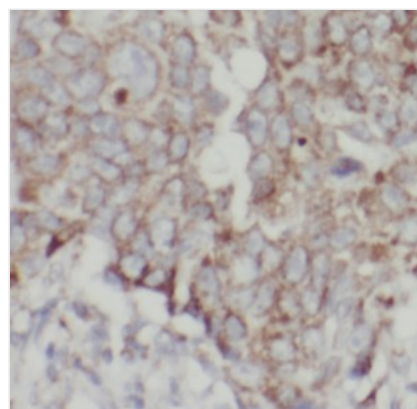
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Purity/Purification	>=95% as determined by SDS-PAGE Protein A+G Purification
Form/Format	Liquid; PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Sequence Length	314
Applicable Applications for anti-EPCAM antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Epithelial cell adhesion molecule
Preparation and Storage	Store at -20 degree C for 24 months. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

A431 cells were subjected to SDS PAGE followed by western blot with AAA249030 (EPCAM Antibody) at dilution of 1:2000



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human breast cancer tissue slide using AAA249030 (EPCAM Antibody) at dilution of 1:500

ADDITIONAL INFORMATION

Related Product Information for anti-EPCAM antibody	Epithelial cell adhesion molecule(EpCAM, CD326) is a type I transmembrane glycoprotein that functions as a homophilic, epithelial-specific intercellular cell-adhesion molecule. In addition to cell adhesion, EpCAM is also involved in cellular signaling, cell migration, proliferation, and differentiation. EpCAM is highly expressed on most carcinomas and therefore of potential use as a prognostic marker for a variety of carcinomas, and has become a therapeutic target.(PMID: 20837599; 19249674; 21576002; 22647938)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	218505670
NCBI GeneID	4072
NCBI Accession #	NP_002345.2
NCBI GenBank Nucleotide #	NM_002354.2
UniProt Accession #	P16422
Molecular Weight	74 kDa
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
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.