Mouse Epithelial Cell Adhesion Molecule (EPCAM) Monoclonal Antibody | anti-EPCAM antibody

FITC-Linked Monoclonal Antibody to Epithelial Cell Adhesion Molecule (EPCAM)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA151118	**Mouse**	**Homo sapiens (Human)**	**Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

Epithelial Cell Adhesion Molecule (EPCAM); Monoclonal Antibody; FITC-Linked Monoclonal Antibody to Epithelial Cell Adhesion Molecule (EPCAM); EPCAM/Epithelial Cell Adhesion Molecule; CD326; TACSTD1; EGP; KSA; M4S1; MIC18; TROP1; HEGP2; ESA; Epithelial glycoprotein; Adenocarcinoma-associated antigen; Tumor Associated Calcium Signal Transducer 1; anti-EPCAM antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Homo sapiens (Human)
Clonality	Monoclonal
Clone Number	C9
Purity/Purification	Protein A + Protein G Affinity Chromatography
Form/Format	Supplied as solution form in PBS , pH 8, 1% BSA ,50% glycerol; 0.05% Proclin-300.
Concentration	0.78mg/mL (varies by lot)
Applicable Applications for anti-EPCAM antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Source	Monoclonal antibody preparation
Label	FITC
Traits	Liquid
Preparation and Storage	**Storage:** Avoid repeated freeze/thaw cycles. Store at 4 degree C for frequent use. Aliquot and store at 4 degree C for 12 months. **Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. Note: As fluorescence can photobleach when exposed to light, so the antibody must be protected from light.

ADDITIONAL INFORMATION

Product Categories/Family for anti-EPCAM antibody	CD & Adhesion molecule; Primary, FITC-labeled

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/epithelial-cell-adhesion-molecule-epcam-antibody-clone-c9-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/151118