

Mouse anti-Human, mouse Epithelial cell adhesion molecule, EP-CAM Monoclonal Antibody | anti-EP-CAM antibody

Monoclonal Anti- Epithelial cell adhesion molecule, EP-CAM

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA58852	Mouse	Human, mouse	Flow Cytometry, Functional Assay, Immunocytochemistry, Immunohistochemistry, Western Blot

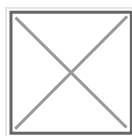
PRODUCT SYNONYMS

Epithelial cell adhesion molecule; EP-CAM; Monoclonal Antibody; Monoclonal Anti- Epithelial cell adhesion molecule; anti-EP-CAM antibody

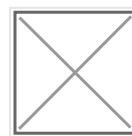
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, mouse
Clonality	Monoclonal
Isotype	IgM
Clone Number	3-E1-E2
Purity/Purification	Protein affinity purified
Form/Format	Liquid; In TBS (pH7.4), 0.5% BSA, 40% Glycerol and 0.05% Sodium Azide.
Applicable Applications for anti-EP-CAM antibody	FCM/FACS (Flow Cytometry), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant EP-CAM protein.
Preparation and Storage	Store at 4°C after thawing (1 week). Aliquot and store at -20°C for long term (at least one year). Avoid repeated freeze and thaw cycles.

IMAGES



IHC (Immunohistochemistry)



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-EP-CAM antibody	Epithelial cell adhesion molecule (Ep-CAM) is a pan-epithelial differentiation antigen. [1]It is intricately linked with the Cadherin-Catenin pathway and hence the fundamental WNT pathway responsible for intracellular signalling and polarity. It has been used as an immunotherapeutic target in the treatment of gastrointestinal, urological and other carcinomas. [2]It is expressed in undifferentiated pluripotent stem cells. [3] and it is being used as a target for immunotherapy treatment of human carcinomas.
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References	1. Calabrese G, Crescenzi C, Morizio E, Palka G, Guerra E, Alberti S (Apr 2001). "Assignment of TACSTD1 (alias TROP1, M4S1) to human chromosome 2p21 and refinement of mapping of TACSTD2 (alias TROP2, M1S1) to human chromosome 1p32 by in situ hybridization". Cytogenet Cell Genet 92 (1-2): 164-5. 2. Chaudry MA, Sales K, Ruf P, Lindhofer H, Winslet MC (April 2007). "EpCAM an immunotherapeutic target for gastrointestinal malignancy: current experience and future challenges". Br. J. Cancer 96 (7): 1013-9. 3. Sundberg, M; Jansson, L; Ketolainen, J; Pihlajamäki, H; Suuronen, R; Skottman, H; Inzunza, J; Hovatta, O et al. (2009). "CD marker expression profiles of human embryonic stem cells and their neural derivatives, determined using flow-cytometric analysis, reveal a novel CD marker for exclusion of pluripotent stem cells.". Stem cell research 2 (2): 113-24.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15928632
NCBI GeneID	4072
UniProt Accession #	P16422; P18180; Q6FG26; Q6FG49; Q96C47; Q9UCD0
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 protein GA733-2; membrane component, chromosome 4, surface marker (35kD glycoprotein)
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-ep-cam-antibody-clone-3-e1-e2-flow-cytometry-immunocytochemistry-immunohistochemistry-western-blot-elisa/58852>