

Mouse anti-Rat, Mouse. Ep-CAM /CD326 Monoclonal Antibody | anti-Epcam antibody

Ep-CAM /CD326 (Rat) (Epithelial Marker) Mouse Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62686	Mouse	Rat, Mouse.	Immunohistochemistry, Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay

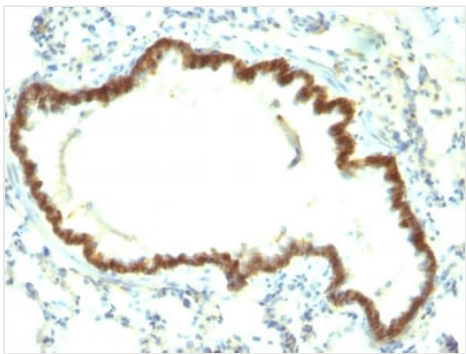
PRODUCT SYNONYMS

Ep-CAM /CD326; Monoclonal Antibody; Ep-CAM /CD326 (Rat) (Epithelial Marker) Mouse Monoclonal Antibody; Adenocarcinoma-associated Antigen; Cell Surface Glycoprotein Trop-1; EGP2; EGP314; EGP40; Epithelial Cell Adhesion Molecule; Epithelial Glycoprotein 314; ESA; KSA; TACD1; TACSTD1; TROP1; Tumor-associated Calcium Signal Transducer 1; ECS-1; Epidermal Surface Antigen 1; ESA1; FLOT2; Flotillin-2; M17S1 (Membrane Component; Chromosome 17; Surface Marker-1); REG-1; Reggie-1; Reggie-2; anti-Epcam antibody

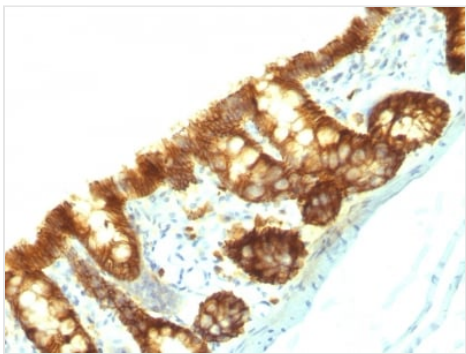
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Rat, Mouse.
Clonality	Monoclonal
Isotype	IgG1/ Kappa
Clone Number	Epcam/1159
Specificity	Epitopes of Epcam/1158 and Epcam/1159 monoclonal antibodies are different. EGP40 is a 40-43kDa transmembrane epithelial glycoprotein, also identified as epithelial specific antigen (ESA), or epithelial cellular adhesion molecule (Ep-CAM). It is expressed on baso-lateral cell surface in most simple epithelia and a vast majority of carcinomas.
Form/Format	Bioreactor Concentrate with 0.05% Azide.
Sequence Length	315
Applicable Applications for anti-Epcam antibody	IHC (Immunohistochemistry), WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Cellular Localization	Cell Junction, Lateral cell membrane. Tight junction
Immunogen	Recombinant full-length Rat Epcam protein
Hu-Chromosome Location	6q12
Positive Control	Recombinant full-length rat Epcam protein
Preparation and Storage	Store at 2 to 8 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded Rat Lung stained with Ep-CAM Monoclonal Antibody (Epcam/1159).



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded Rat Colon stained with Ep-CAM Monoclonal Antibody (Epcam/1159).

ADDITIONAL INFORMATION

References	Litvinov SV et. al. J Cell Biol, 1994, 125:437-46. 2. Tsubura A et. al. J Cut Pathol, 1992, 19:73-9
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NCBI AND UNIPROT INFORMATION

NCBI GI #	25742698
NCBI GeneID	171577
NCBI Accession #	NP_612550.1
NCBI GenBank Nucleotide #	NM_138541.1
UniProt Accession #	O55159
Molecular Weight	40-43kDa
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	Egp314; Tacstd1
NCBI Protein Information	epithelial cell adhesion molecule
UniProt Protein Name	Epithelial cell adhesion molecule
UniProt Gene Name	Epcam
UniProt Synonym Gene Names	Tacstd1; Ep-CAM; EGP314
UniProt Entry Name	EPCAM_RAT

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-cd326-antibody-clone-epcam-1159-immunohistochemistry-western-blot-immunofluorescence-flow-cytometry-elisa/62686>