

Mouse anti-Human CD326 Monoclonal Antibody | anti-EPCAM antibody

Anti-CD326 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA259615	Mouse	Human	Flow Cytometry, Functional Assay, Immunofluorescence

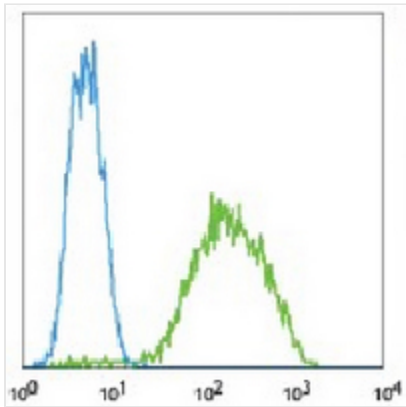
PRODUCT SYNONYMS

CD326; Monoclonal Antibody; Anti-CD326 Antibody; GA733-2; M1S2; M4S1; MIC18; TACSTD1; TROP1; Epithelial cell adhesion molecule; Ep-CAM; Adenocarcinoma-associated antigen; Cell surface glycoprotein Trop-1; Epithelial cell surface antigen; Epithelial glycoprotein; EGP; Epithelial glycoprotein 314; EGP314; hEGP314; KS 1/4 antigen; KSA; Major gastrointestinal tumor-associated protein GA733-2; Tumor-associated calcium signal transducer 1; CD antigen CD326; anti-EPCAM antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Specificity	Recognises human CD326.
Purity/Purification	The antibody was purified by affinity chromatography.
Form/Format	Liquid in PBS, pH 7.3, 0.2% BSA, and 0.02% sodium azide.
Sequence Length	314
Applicable Applications for anti-EPCAM antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence)
Directions for use	1.- Take 100 ul peripheral blood anticoagulated by EDTA and add to the bottom of 5mL tube. 2.- Add appropriate amount of antibody to the bottom of flow tube mixing with the blood; incubate for 30 minutes at room temperature. 3.- Add 2mL RBC lysis buffer; incubate for 10 minutes after mixing; dissolve red blood cells. 4.- Sample tube is set to 1000 rpm centrifugation for 5 minutes; discard the supernatant. 5.- Add 2 ml PBS wash buffer to resuspend the cells; then 1000 rpm centrifugation for 5 minutes; discard the supernatant. 6.- Add appropriate amount of fluorescent-labeled anti-mouse IgGs and incubate for 20 minutes away from light at room temperature. 7.- Add 2 ml PBS wash buffer to resuspend the cells, then 1000 rpm centrifugation for 5 minutes; discard the supernatant. 8. Add 0.5 ml PBS wash buffer to resuspend the cells and detect by flow cytometry (sample should be determined on the day on the machine and can also be added fixation overnight at 4°C then measured).
Preparation and Storage	Shipping: Blue ice Store at 4°C for one year. Do not freeze.

IMAGES



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of TF1 cells using Anti-CD326 Antibody, followed by anti-mouse IgG PE.

ADDITIONAL INFORMATION

Related Product Information for anti-EPCAM antibody	Mouse monoclonal antibody to CD326
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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; 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
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.