

Mouse CD326 Monoclonal Antibody | anti-CD326 antibody

MOUSE ANTI HUMAN CD326:FITC

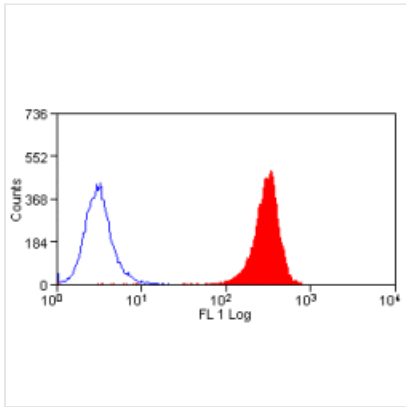
CATALOG # AAA49621	HOST Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

CD326; Monoclonal Antibody; MOUSE ANTI HUMAN CD326:FITC; anti-CD326 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	VU-1D9
Form/Format	FITC Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid
Concentration	Approximate Protein Concentration: 0.1mg/ml (varies by lot)
Sequence Length	314
Applicable Applications for anti-CD326 antibody	FCM/FACS (Flow Cytometry)
Perservative Stabilisers	0.09% Sodium Azide (NaN ₃) 1% Bovine Serum Albumin Preparation
Buffer Solution	Phosphate buffered saline
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.



Application Data
HT-29 cells stained with Mouse anti Human CD326: Low Endotoxin

ADDITIONAL INFORMATION

Related Product Information for anti-CD326 antibody	Mouse anti Human CD326 antibody, clone VU-1D9 recognizes epithelial cell adhesion molecule (Ep-CAM), a 34kDa cell surface antigen otherwise known as CD326, MOC31 and Ber-EP4. CD326 is a type 1 transmembrane glycoprotein. It is expressed on the basolateral cell membrane of the majority of epithelial tissues, with the exception of adult squamous epithelium, hepatocytes and gastric epithelial cells. Ep-CAM expression has been reported to be a possible marker of early malignancy, with expression being increased in tumor cells. Ep-CAM is a Type 1 transmembrane glycoprotein. It is expressed on the basolateral membrane of cells by the majority of epithelial tissues, with the exception of adult squamous epithelium and some specific epithelial cell types including hepatocytes and gastric epithelial cells. Ep-CAM expression has been reported to be a possible marker of early malignancy, with expression being increased in tumor cells, and de novo expression being seen in dysplastic squamous epithelium
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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
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; adenocarcinoma-associated antigen; cell surface glycoprotein Trop-1; epithelial glycoprotein 314; human epithelial glycoprotein-2; major gastrointestinal tumor-associated protein GA733-2; membrane component, chromosome 4, surface marker (35kD glycoprotein); tumor-associated calcium signal transducer 1
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/cd326-antibody-clone-vu-1d9-flow-cytometry-elisa/49621>