

Rabbit Epcam Polyclonal Antibody | anti-Epcam antibody

(Mouse) Epcam Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284496	Rabbit	Mouse (Predicted Reactivity: Rat)	ELISA, Western Blot, Flow Cytometry, Functional Assay

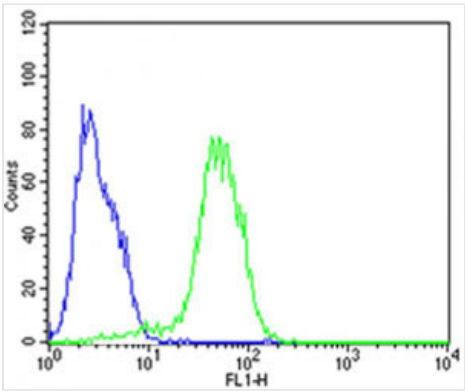
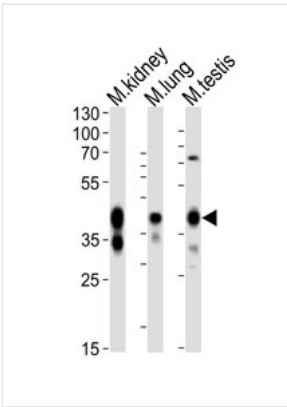
PRODUCT SYNONYMS

Epcam; Polyclonal Antibody; (Mouse) Epcam Antibody (C-term); Epithelial cell adhesion molecule; Ep-CAM; Epithelial glycoprotein 314; EGP314; mEGP314; Protein 289A; Tumor-associated calcium signal transducer 1; CD326; Tacstd1; anti-Epcam antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This Mouse Epcam antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 302-335 amino acids from the C-terminal region of mouse Epcam.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a Protein A column, followed by peptide affinity purification.
Sequence Length	315
Applicable Applications for anti-Epcam antibody	ELISA, WB (Western Blot), FCM/FACS (Flow Cytometry)
Cellular Location	Lateral cell membrane{ECO:0000250 UniProtKB:P16422}; Single-pass type I membrane protein{ECO:0000250 UniProtKB:P16422}. Cell junction, tight junction{ECO:0000250 UniProtKB:P16422}. Note=Colocalizes with CLDN7 at the lateral cell membrane and tight junction{ECO:0000250 UniProtKB:P16422}
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of lysates from mouse kidney, mouse lung, mouse testis tissue lysate (from left to right), using Epcam Antibody (C-term). AAA284496 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.

FCM/FACS (Flow Cytometry)
Flow cytometric analysis of HepG2 cells using (Mouse) Epcam Antibody (C-term)(green) compared to an isotype control of rabbit IgG(blue). AAA284496 was diluted at 1:25 dilution. An Alexa Fluor 488 goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-Epcam antibody	May act as a physical homophilic interaction molecule between intestinal epithelial cells (IECs) and intraepithelial lymphocytes (IELs) at the mucosal epithelium for providing immunological barrier as a first line of defense against mucosal infection. Plays a role in embryonic stem cells proliferation and differentiation. Up-regulates the expression of FABP5, MYC and cyclins A and E (By similarity).
Product Categories/Family for anti-Epcam antibody	Crown Antibodies
References	Bergsagel P.L.,et al.J. Immunol. 148:590-596(1992). Carninci P.,et al.Science 309:1559-1563(2005).

NCBI AND UNIPROT INFORMATION

NCBI GI #	112293275
NCBI GeneID	17075
NCBI Accession #	NP_032558.2
NCBI GenBank Nucleotide #	NM_008532.2
UniProt Accession #	Q99JW5; Q61512
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	EGP; Ly74; gp40; CD326; EGP-2; TROP1; Egp314; Ep-CAM; EpCAM1; Tacstd1; GA733-2; 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; mEGP314
UniProt Entry Name	EPCAM_MOUSE

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://www.aaabiotech.com/polyclonal/epcam-antibody-western-blot-flow-cytometry-elisa/284496>