EPCAM Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Epcam, Polyclonal Antibody
Full Product Name	Epcam (Epithelial Cell Adhesion Molecule, Ep-CAM, Epithelial GlycoProtein 314, EGP314, mEGP314, Protein 289A, Tumor-Associated Calcium signal Transducer 1, CD326, Epcam, Tacstd1) (MaxLight 650)
Product Gene Name	anti-Epcam antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Mouse, Human, Rat
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight650.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	KLH conjugated synthetic peptide corresponding to aa217-251 at the C-terminal region of Mouse Epcam.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight650 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	35,019 Da
3D Structure	ModBase 3D Structure for Q99JW5
Immunogen	KLH conjugated synthetic peptide corresponding to aa217-251 at the C-terminal region of Mouse Epcam.
Conjugate	MaxLight650
Note	Preservative Free
Product Categories/Family for anti-Epcam antibody	Antibodies; Cell Markers
Applications Tested/Suitable for anti-Epcam antibody	Western Blot (WB)
Application Notes for anti-Epcam antibody	WB: 1:2000 Applications are based on unconjugated antibody.
Related Product Information for anti-Epcam antibody	MBS6455807 is an antibody targeting Epcam. Also known as Epcam (Epithelial Cell Adhesion Molecule, Ep-CAM, Epithelial GlycoProtein 314, EGP314, mEGP314, Protein 289A, Tumor-Associated Calcium signal Transducer 1, CD326, Epcam, Tacstd1) (MaxLight 650). Reactive in Mouse, Human, Rat. Host: Rabbit.
Product References and Citations for anti-Epcam antibody	Bergsagel P.L., et al. J. Immunol. 148:590-596(1992). Carninci P., et al. Science 309:1559-1563(2005).
Other Notes	Small volumes of anti-Epcam antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Epcam. It may not necessarily be applicable to this product.

NCBI GI #	112293275
NCBI GeneID	17075
NCBI Accession #	NP_032558.2
UniProt Primary Accession #	Q99JW5
UniProt Secondary Accession #	Q61512
UniProt Related Accession #	Q99JW5
GenBank Nucleotide #	NM_008532.2
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; Tacsd1; GA733-2; Tacstd1
UniProt Protein Name	Epithelial cell adhesion molecule
UniProt Synonym Protein Names	Epithelial glycoprotein 314; EGP314; mEGP314; Protein 289A; Tumor-associated calcium signal transducer 1; CD_antigen: CD326
Protein Family	Epithelial cell adhesion molecule
UniProt Gene Name	Epcam
UniProt Synonym Gene Names	Tacstd1; Ep-CAM; EGP314; mEGP314
UniProt Entry Name	EPCAM_MOUSE
NCBI Protein Information	epithelial cell adhesion molecule; mEGP314; protein 289A; Trop-1 protein; lymphocyte antigen 74; epithelial glycoprotein 314; panepithelial glycoprotein 314; tumor-associated calcium signal transducer 1
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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