Rabbit anti-Human EPCAM Polyclonal Antibody | anti-EPCAM antibody

EPCAM Rabbit anti-Human Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162977	**Rabbit**	**Human**	**Immunohistochemistry**

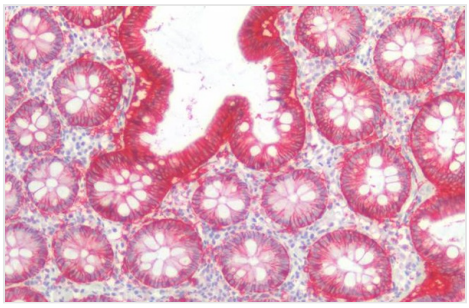
PRODUCT SYNONYMS

EPCAM; Polyclonal Antibody; EPCAM Rabbit anti-Human Polyclonal Antibody; PathPlus EPCAM Antibody; 323/A3; ACSTD1; 17-1A; CD326; EGP; EGP34; Epithelial glycoprotein; GA733-2; HNPCC8; Ep-CAM; ESA; HEGP314; KS 1/4 antigen; KS1/4; KSA; M1S2; MIC18; MK-1; MH99; TROP1; TACST-1; TACSTD1; CD326 antigen; CO-17A; DIAR5; EGP-2; EGP314; EGP40; Epithelial glycoprotein 314; HEA125; Ly74; M4S1; anti-EPCAM antibody

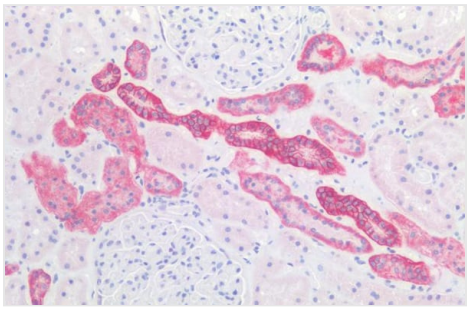
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, 0.1% Sodium Azide
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-EPCAM antibody	IHC (Immunohistochemistry)
Target	Human EPCAM
Immunogen	LP-10808, synthetic peptide
Conjugation	Unconjugated
Preparation and Storage	Aliquot and store undiluted at -20 degree C or below for up to 1 year. Can be stored undiluted at 4 degree C for up to 1 month. Avoid freeze-thaw cycles.

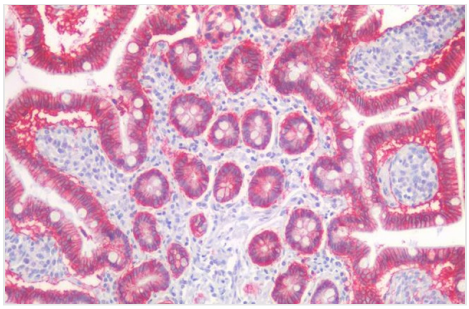
IMAGES



IHC (Immunohistochemisry)
EPCAM Antibody-Human Colon: Formalin-Fixed, Paraffin-Embedded (FFPE



IHC (Immunohiostchemistry)
EPCAM Antibody-Human Kidney: Formalin-Fixed, Paraffin-Embedded (FFPE



IHC (Immunohistochemistry)
EPCAM Antibody-Human Small Intestine: Formalin-Fixed, Paraffin-Embedded (FFPE

ADDITIONAL INFORMATION

Related Product Information for anti-EPCAM antibody	EPCAM antibody is an unconjugated rabbit polyclonal antibody to EPCAM from human. Validated for IHC. EPCAM (TACSTD1) is an epithelial membrane glycoprotein involved in cell adhesion that is present on the surface of a variety of epithelial cells. It is expressed in a wide variety of cancers, including: basal cell carcinomas, mammary Paget disease, lung adenocarcinomas, trichoepitheliomas, dermatofibromas, basal-cell carcinomas, cholangiocarcinomas, colorectal carcinomas, and carcinomas of prostate, ovary, endometrium, head and neck, and thyroid. EPCAM is useful for distinguishing epithelial cells (positive) from mesothelial cells (negative). It has also been implicated in the progression of individuals with Lynch Syndrome who hold inherited deletions in the gene. These deletions lead to silencing of the adjacent repair gene MSH2 via transcriptional read-through, which then causes microsatellite instability and colorectal cancer (as well as other malignancies that also frequently arise from Lynch Syndrome). MOC31 and BerEP4 are common monoclonal antibodies to this target.
References	JClinPathol 1990,43:213; Acta Neuropathol 1991, 83:46; Dai, 2017; Baeuerle, 2007; Kempers 2010; ModPath 2002, 15:1279

NCBI AND UNIPROT INFORMATION

NCBI GI #	218505670
NCBI GeneID	4072
NCBI Accession #	NP_002345.2
NCBI GenBank Nucleotide #	NM_002354
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; epithelial glycoprotein 314; human epithelial glycoprotein-2; cell surface glycoprotein Trop-1; adenocarcinoma-associated antigen; tumor-associated calcium signal transducer 1; major gastrointestinal tumor-associated pro
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://www.aaabiotech.com/polyclonal/epcam-antibody-immunohistochemistry-elisa/162977