



EP-CAM Polyclonal Antibody

E20-75556

Catalog Number:E20-75556

Host Species:Polyclonal, Rabbit

Purification:The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Immunogen Description:The antiserum was produced against synthesized peptide derived from the Internal region of human EPCAM. AA range:91-140

Calculated MW:34932Da

Formulation:Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Gene Name:EPCAM

Dilution:Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.

Protein Name:Epithelial cell adhesion molecule

Human Gene Id:4072

Human Swiss Prot No:P16422

Mouse Gene Id:17075

Mouse Swiss Prot No:Q99JW5

Rat Gene Id:171577

Rat Swiss Prot No:O55159

Specificity:EP-CAM Polyclonal Antibody detects endogenous levels of EP-CAM protein.

Concentration:1 mg/ml

Storage Stability:-20°C/1 year

Other Name:EPCAM; 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; CD326

Observed Band(KD):35

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Background:epithelial cell adhesion molecule(EPCAM) Homo sapiens This gene encodes a carcinoma-associated antigen and is a member of a family that includes at least two type I membrane proteins. This antigen is expressed on most normal epithelial cells and gastrointestinal carcinomas and functions as a homotypic calcium-independent cell adhesion molecule. The antigen is being used as a target for immunotherapy treatment of human carcinomas. Mutations in this gene result in congenital tufting enteropathy. [provided by RefSeq, Dec 2008],

Subcellular Location:plasma membrane,integral component of plasma membrane,bicellular tight junction,cell surface,integral component of membrane,basolateral plasma membrane,apical plasma membrane,lateral plasma membrane,extracellular exosome,

