

Datasheet for ABIN7477469

Recombinant anti-EpCAM antibody (Extracellular Domain)[Go to Product page](#)**3** Images

Overview

Quantity:	1 mL
Target:	EpCAM (EPCAM)
Binding Specificity:	AA 100-224, Extracellular Domain
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This EpCAM antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fragment from the extracellular domain of human EpCAM protein (around aa100-224) (exact sequence is proprietary)
Clone:	MSVA-326R
Isotype:	IgG

Target Details

Target:	EpCAM (EPCAM)
Alternative Name:	EpCAM (EPCAM Products)
Background:	Adenocarcinoma-associated Antigen, Cell Surface Glycoprotein Trop-1, EGP2, EGP314, EGP40,

Target Details

Epithelial Cell Adhesion Molecule, Epithelial Glycoprotein 314, ESA, KSA, TACD1, TROP1, Tumor-associated Calcium Signal Transducer 1 (TACSTD1), ECS-1, Epidermal Surface Antigen 1, ESA1, FLOT2, Flotillin-2, Membrane Component, Chromosome 17, Surface Marker-1 (M17S1), REG-1, Reggie-1, Reggie-2, EpCAM antibody validated for immunohistochemistry on 76 different Normal Tissues

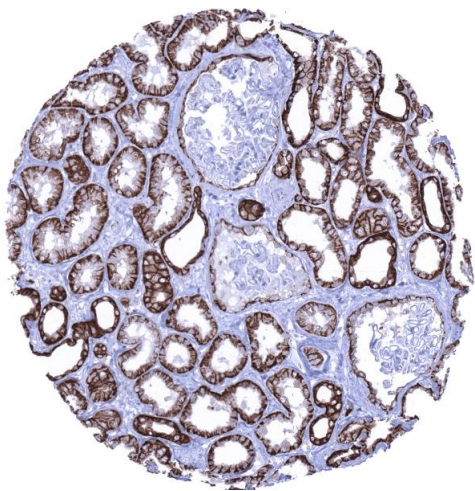
UniProt: [P16422](#)

Application Details

Application Notes:	IHC 1:100-1:200
Comment:	Positive Control: Kidney: In kidney, distal tubule cells must show a strong predominantly membranous staining, while at a least moderate predominantly basolateral staining must be seen in the majority of proximal tubules cells and in scattered epithelial cells lining the Bowman capsule. Negative Control: Tonsil: EpCAM staining should be absent in lymphocytes or smooth muscle cells of the vessels.
Protocol:	Manual Protocol: Freshly cut sections should be used (less than 10 days between cutting and staining). Heat-induced antigen retrieval for 5 minutes in an autoclave at 121 °C in pH 7,8 Target Retrieval Solution buffer. Apply the antibody at a dilution of 1:150 at 37 °C for 60 minutes. Visualization of bound antibody by the EnVision Kit (Dako, Agilent) according to the manufacturer's directions.
Restrictions:	For Research Use only

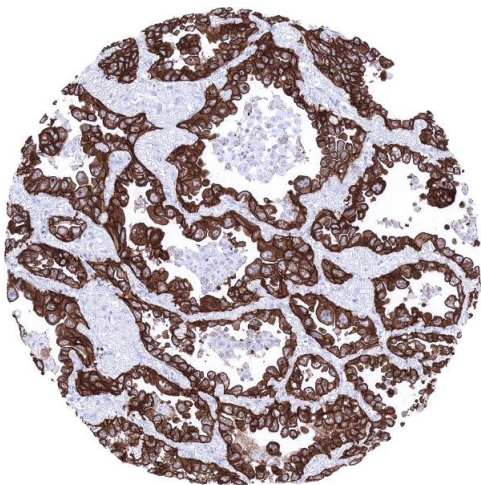
Handling

Format:	Liquid
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non- hazardous.



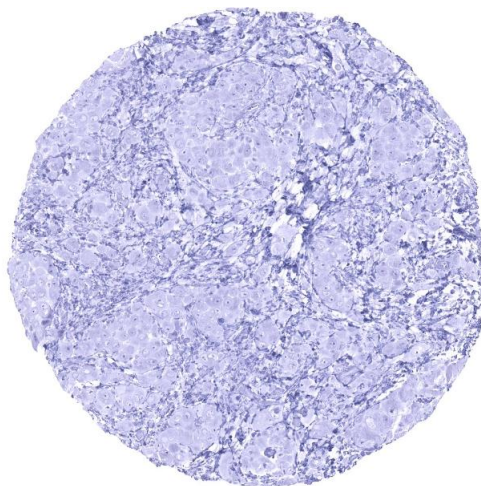
Immunohistochemistry

Image 1. In normal kidney EpCAM staining is strong in the distal tubules and moderate in the proximal tubulus predominantly basolateral and in epithelial cells lining the Bowman capsule



Immunohistochemistry

Image 2. Strong EPCAM staining in an adenocarcinoma of the lung



Immunohistochemistry

Image 3. EPCAM immunostaining is lacking in an epitheloid malignant mesothelioma