

Datasheet for ABIN7151921
anti-EpCAM antibody (AA 24-265)



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4 Images

Overview

Quantity:	100 µg
Target:	EpCAM (EPCAM)
Binding Specificity:	AA 24-265
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EpCAM antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Recombinant Human Epithelial cell adhesion molecule protein (24-265AA)
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Purification:	>95%, Protein G purified

Target Details

Target:	EpCAM (EPCAM)
Alternative Name:	EPCAM (EPCAM Products)
Background:	Background: May act as a physical homophilic interaction molecule between intestinal epithelial cells (IECs) and intraepithelial lymphocytes (IELs) at the mucosal epithelium for providing

Target Details

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.

Aliases: 17 1A antibody, 323/A3 antibody, Adenocarcinoma associated antigen antibody, Adenocarcinoma-associated antigen antibody, Antigen identified by monoclonal antibody AUA1 antibody, AUA1 antibody, CD326 antibody, CD326 antigen antibody, Cell surface glycoprotein Trop 1 antibody, Cell surface glycoprotein Trop 2 antibody, Cell surface glycoprotein Trop-1 antibody, CO 17A antibody, CO17 1A antibody, CO17A antibody, DIAR5 antibody, EGP 2 antibody, EGP antibody, EGP2 antibody, EGP314 antibody, EGP40 antibody, Ep CAM antibody, Ep-CAM antibody, EPCAM antibody, EPCAM_HUMAN antibody, EpCAM1 antibody, Epithelial cell adhesion molecule antibody, Epithelial Cell Adhesion Molecule Intracellular Domain (EpCAM-ICD) antibody, Epithelial cell surface antigen antibody, Epithelial cellular adhesion molecule antibody, Epithelial glycoprotein 1 antibody, Epithelial glycoprotein 314 antibody, Epithelial glycoprotein antibody, ESA antibody, GA733 1 antibody, GA733 2 antibody, GA733-2 antibody, gastrointestinal tumor-associated antigen 2, 35-KD glycoprotein antibody, gp4 antibody, hEGP 2 antibody, hEGP314 antibody, HNPCC8 antibody, Human epithelial glycoprotein 2 antibody, KS 1/4 antigen antibody, KS1/4 antibody, KSA antibody, Ly74 antibody, Lymphocyte antigen 74 antibody, M1S 1 antibody, M1S2 antibody, M4S1 antibody, Major gastrointestinal tumor associated protein GA733 2 antibody, Major gastrointestinal tumor-associated protein GA733-2 antibody, mEGP314 antibody, Membrane component chromosome 4 surface marker (35kD glycoprotein) antibody, Membrane component, chromosome 4, surface marker 1 antibody, Membrane component, chromosome 4, surface marker antibody, MIC18 antibody, MK 1 antibody, Protein 289A antibody, TACD1 antibody, TACSTD1 antibody, TROP1 antibody, Tumor associated calcium signal transducer 1 antibody, Tumor associated calcium signal transducer 2 precursor antibody, Tumor-associated calcium signal transducer 1 antibody

UniProt: [P16422](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:200-1:500, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

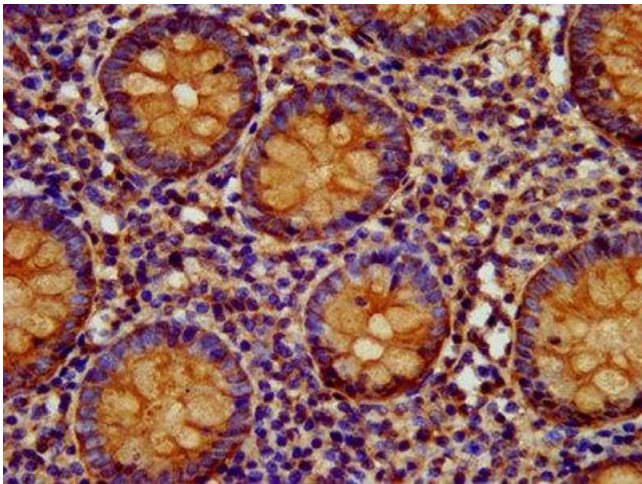
Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300

Handling

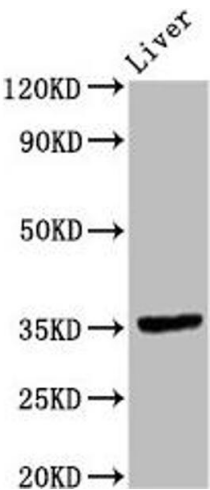
	Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



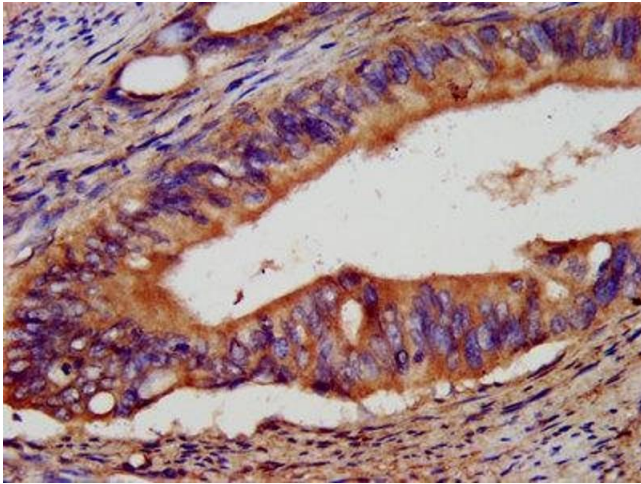
Immunohistochemistry

Image 1. IHC image of ABIN7151921 diluted at 1:400 and staining in paraffin-embedded human appendix tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Western Blotting

Image 2. Western Blot Positive WB detected in: Rat liver tissue All lanes: EPCAM antibody at 9.6 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 35 kDa Observed band size: 35 kDa



Immunohistochemistry

Image 3. IHC image of ABIN7151921 diluted at 1:400 and staining in paraffin-embedded human colon cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7151921.