

Datasheet for ABIN6383801

anti-EpCAM antibody (Extracellular Domain)[Go to Product page](#)**7** Images

Overview

Quantity:	100 µg
Target:	EpCAM (EPCAM)
Binding Specificity:	AA 77-202, Extracellular Domain
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This EpCAM antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Purpose:	EpCAM
Immunogen:	Recombinant fragment around aa 77-202 of human EpCAM protein (exact sequence is proprietary)
Clone:	EGP40-1372
Isotype:	IgG1
Purification:	By Protein G from bioreactor concentrate

Target Details

Target:	EpCAM (EPCAM)
Alternative Name:	EPCAM (EPCAM Products)

Target Details

Background:	Epithelial Cell Adhesion Molecule, CD326, DIAR5, EGP, EGP-2, EGP314, EGP40, Ep-CAM, ESA, hEGP314, HNPCC8, KS1/4, KS 1/4 antigen, KSA, M4S1, MIC18, MK-1, TACSTD1, TROP1, Adenocarcinoma-associated antigen, Cell surface glycoprotein Trop-1, Epithelial cell surface antigen, Epithelial glycoprotein 314, Major gastrointestinal tumor-associated protein GA733-2, Tumor-associated calcium signal transducer 1
Gene ID:	4072
UniProt:	P16422

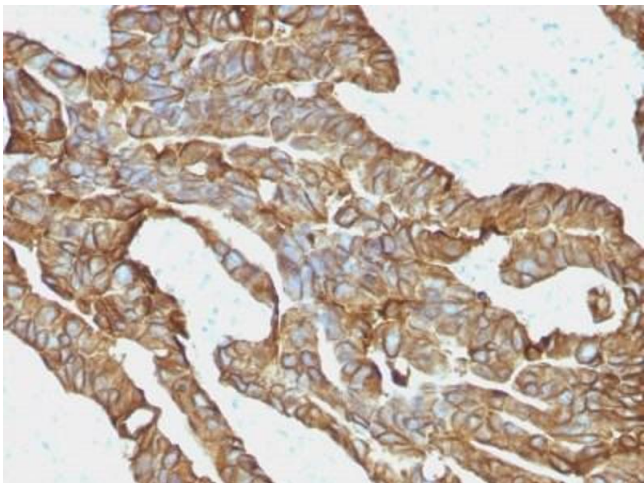
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	HT29, carcinomas.
Restrictions:	For Research Use only

Handling

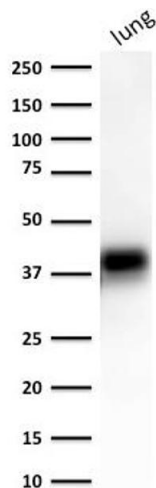
Concentration:	1 mg/mL
Buffer:	1 mg IgG/mL in PBS, 0.05 % azide
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage Comment:	For long term storage, keep small aliquots at -20°C or -80°C and keep one aliquot at 4°C for daily experimentations. Azide will preserve antibody at 4°C for 6-12 months, when kept away from direct sun light.

Images



Immunohistochemistry

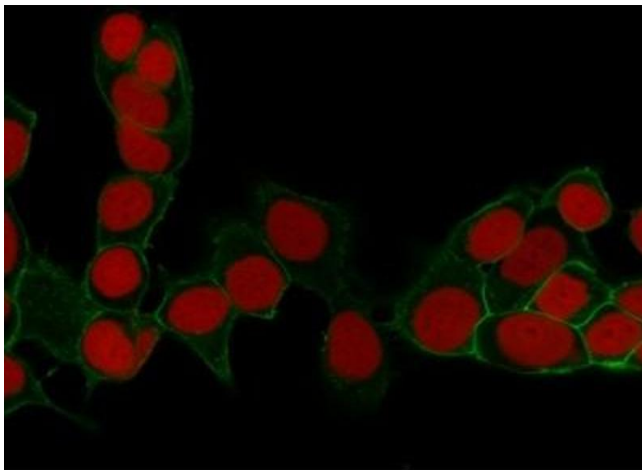
Image 1. ABIN6383801 to EpCAM was successfully used to stain cellular membranes in human colorectal and hepatocellular carcinoma sections. Recommended concentration: 0.3-1ug/ml; Formaldehyde-fixed, paraffin-embedded human hepatocellular carcinoma stained with EpCAM Mouse Monoclonal Antibody ABIN6383801 at 0.5-1ug/ml for 30 minutes at RT. Epitope retrieval: Boiling at pH6 for 10-20 min followed by 20 min cooling. DAB staining



by HRP polymer.

Western Blotting

Image 2. ABIN6383801 to EpCAM was successfully used to stain an approx. 40kDa band in human lung lysates and approx. 35kDa in lysates of cell lines HEK293, A431 and HCT116. Recommended concentration: 0.5-1.5ug/ml; Western Blot of human lung lysates (left) and a kidney lysate (right) (30ug) stained with EpCAM Mouse Monoclonal Antibody ABIN6383801 at 1ug/ml (1h at ambient temp). ECL staining by HRP.



Immunocytochemistry

Image 3. ABIN6383801 to EpCAM was successfully used to stain cellular membranes in cell line MCF7 and in human colorectal carcinoma. Recommended concentration: 1-3ug/ml; Confocal microscopy of cell line MCF7 stained with EpCAM Mouse Monoclonal Antibody ABIN6383801 at 1-2ug/ml for 30 minutes at RT. CF488 (green) staining for the antibody and Reddot staining the nuclei..

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN6383801.