

Datasheet for ABIN7477525

Recombinant anti-MUC1 antibody[Go to Product page](#)**3** Images

Overview

Quantity:	1 mL
Target:	MUC1
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This MUC1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant human MUC1 protein
Clone:	MSVA-672R
Isotype:	IgG

Target Details

Target:	MUC1
Alternative Name:	MUC1 / EMA (MUC1 Products)
Background:	Breast carcinoma-associated antigen DF3, CA15-3, Carcinoma- associated mucin Episialin, Epithelial Membrane Antigen (EMA), H23AG, KL-6, MAM6, MUC-1, MUC-1/SEC, MUC-1/X, MUC1- alpha, MUC1-beta, MUC1-CT, MUC1-NT, MUC1/ZD, Mucin 1 cell surface associated, Mucin-1 subunit beta, Peanut-reactive urinary mucin, PEM, PEMT, Polymorphic epithelial mucin,

Target Details

PUM, Tumor-associated epithelial membrane antigen, MUC1 / EMA antibody validated for immunohistochemistry on 76 different Normal Tissues

UniProt: [P15941](#)

Pathways: [Negative Regulation of intrinsic apoptotic Signaling](#)

Application Details

Application Notes: IHC 1:75-1:150

Comment: Positive Control: Kidney: Distal tubuli and collecting ducts must show a strong cytoplasmic MUC1 staining while the staining should be at least moderate in the parietal and visceral sheets of the Bowman's capsule and largely absent in proximal tubuli.
Negative Control: Colon: MUC1 staining should be very weak or absent in colonic epithelium.

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 1:100 at 37 °C for 60 minutes. Visualization of bound antibody by the EnVision Kit (Dako, Agilent) according to the manufacturer's directions.

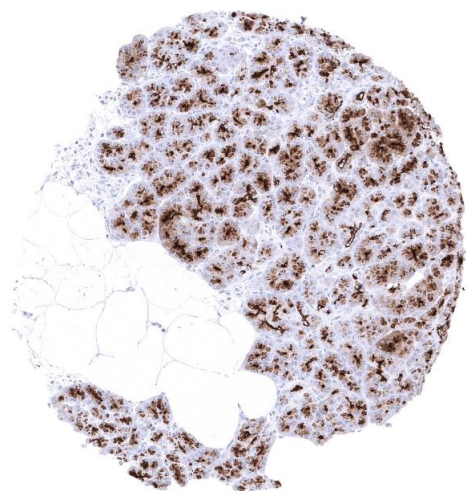
Restrictions: For Research Use only

Handling

Format: Liquid

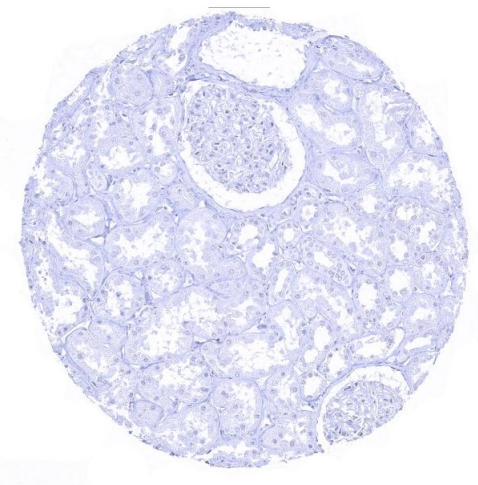
Storage: 4 °C, -20 °C, -80 °C

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.



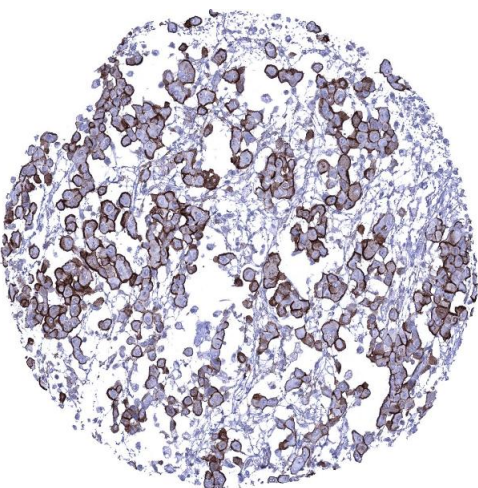
Immunohistochemistry

Image 1. Pancreas Pancreatic acinar cells show a strong MUC1 immunostaining of the apical membranes and of granular Golgi like structures below the apical surface



Immunohistochemistry

Image 2. Kidney cortex



Immunohistochemistry

Image 3. Malignant mesothelioma epitheloid variant with strong predominantly membranous EMA immunostaining of tumor cells