

Datasheet for ABIN7477419

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

Overview

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

Product Details

Immunogen:	Recombinant full-length human CEA protein
Clone:	MSVA-465R
Isotype:	IgG

Target Details

Target:	CEA
Alternative Name:	CEA (CEA Products)
Background:	Carcinoembryonic Antigen-related Cell Adhesion Molecule 5, CEACAM5, CD66, Biliary Glycoprotein (BGP-1), CEA antibody validated for immunohistochemistry on 76 different Normal Tissues

Target Details

UniProt: [P06731](#)

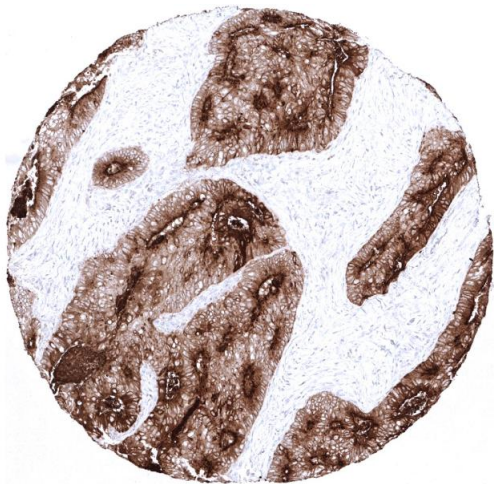
Application Details

Application Notes:	IHC 1:100-1:200
Comment:	<p>Positive Control: Colon: An at least moderate cytoplasmic CEA staining should be seen in the vast majority of columnar epithelial cells.</p> <p>Negative Control: Colon: CEA staining should not be seen in stromal cells or smooth muscle.</p>
Protocol:	<p>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.</p>
Restrictions:	For Research Use only

Handling

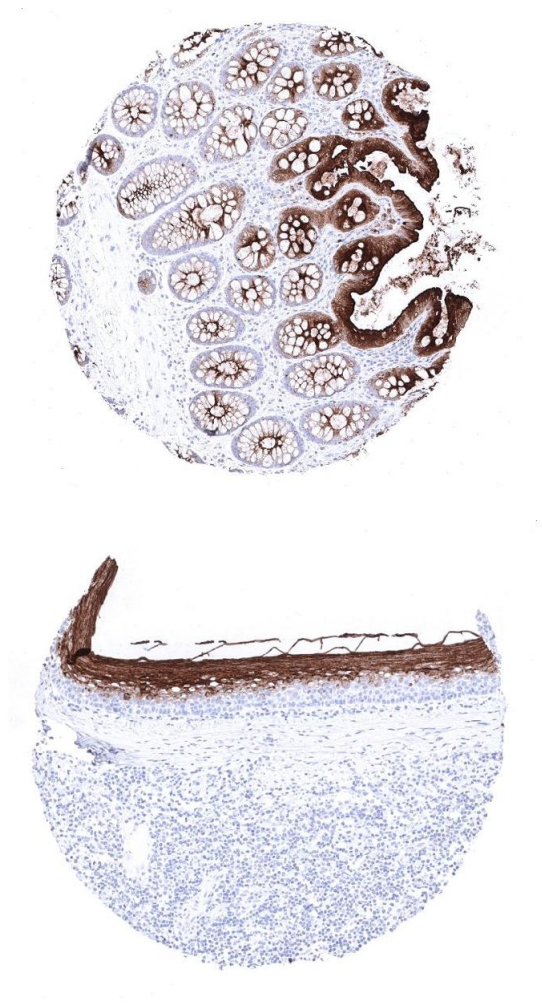
Format:	Liquid
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non- hazardous.

Images



Immunohistochemistry

Image 1. Colorectal adenocarcinoma showing strong CEA immunostaining in tumor cells



Immunohistochemistry

Image 2. Moderate to strong CEA immunostaining in the epithelial cells of the colon. Inflammatory and smooth muscle cells remain negative

Immunohistochemistry

Image 3. Strong CEA immunostaining of the superficial layers of the squamous epithelium of the tonsil surface. The basal epithelial cell layers and inflammatory cells are CEA negative