

Datasheet for ABIN6939998

anti-EpCAM antibody**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	EpCAM (EPCAM)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EpCAM antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Staining Methods (StM)

Product Details

Immunogen:	Recombinant human TACSTD1 protein
Isotype:	IgG
No Cross-Reactivity:	Mouse (Murine), Rat (Rattus)

Target Details

Target:	EpCAM (EPCAM)
Alternative Name:	TACSTD1 (EPCAM Products)
Background:	EGP40 is a 40-43 kDa transmembrane epithelial glycoprotein, also identified as epithelial specific antigen (ESA), or epithelial cellular adhesion molecule (EpCAM). It is expressed on baso-lateral cell surface in most simple epithelia and a vast majority of carcinomas with the exception of adult squamous epithelium, hepatocytes and gastric epithelial cells. EpCAM antibody has been used to distinguish adenocarcinoma from pleural mesothelioma and

Target Details

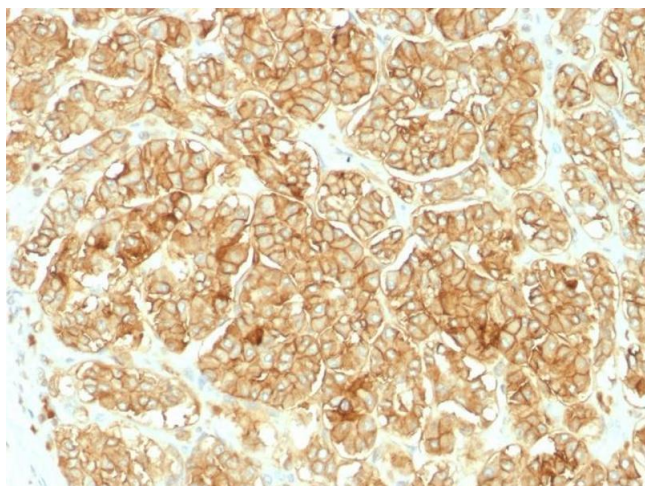
	hepatocellular carcinoma. EpCAM antibody is also useful in distinguishing serous carcinomas of the ovary from mesothelioma.
Molecular Weight:	40-43kDa
Gene ID:	4072
UniProt:	P16422

Application Details

Application Notes:	Positive Control: MCF-7 or HT29 cells. Breast tumor. Known Application: Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 min at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.
Restrictions:	For Research Use only

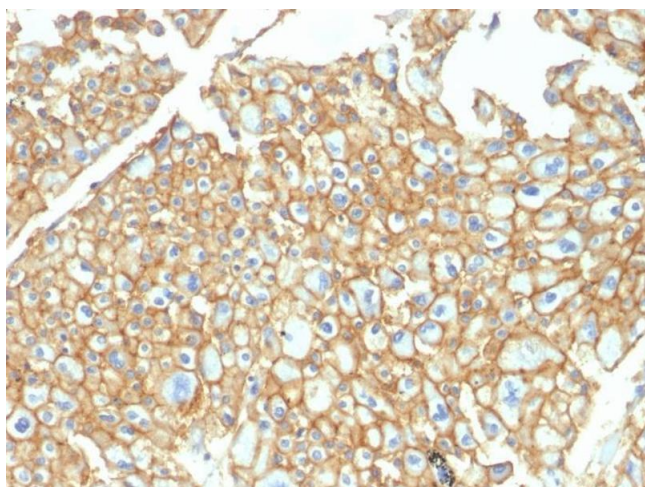
Handling

Concentration:	200 µg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °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. No MSDS required.
Expiry Date:	24 months



Immunohistochemistry

Image 1. Formalin-fixed, paraffin-embedded human Renal Cell Carcinoma stained with EpCAM Rabbit Polyclonal Antibody.



Immunohistochemistry

Image 2. Formalin-fixed, paraffin-embedded human Renal Cell Carcinoma stained with EpCAM Rabbit Polyclonal Antibody.