

Anti-EpCAM/TROP1 Antibody (2Q958)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	2Q958
Purification:	Affinity-chromatography

Applications

Verified Activity:	<p>1. Western Blot</p> <ul style="list-style-type: none">-Positive WB detected in: MCF-7 whole cell lysate-All lanes: EPCAM antibody at 1:2000-Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution-Predicted band size: 35 kDa-Observed band size: 35 kDa <p>2. IHC image of TMAH-00397 diluted at 1:100 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 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.</p>
Application:	ELISA,IHC,WB
Recommended	WB:1:500-1:5000; IHC:1:50-1:200.

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthetic peptide: Human EpCAM
Antigen Species:	Human
Gene ID:	4072
Uniprot ID:	P16422
Synonyms:	TROP1;MK-1;M4S1;EGP40;ESA;TROP-1;HNPCC8;TACSTD1;EGP314;KSA;epithelial cell adhesion molecule;KS1/4;DIAR5;EGP-2;MIC18
Biology Area:	Tags & Cell Markers

Research Background

May act as a physical homophilic interaction molecule between intestinal epithelial cells (IECs) and intraepithelial lymphocytes (IELs) at the mucosal epithelium for providing 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

A DRUG SCREENING EXPERT

of FABP5, MYC and cyclins A and E.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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