

## Anti-EpCAM Monoclonal Antibody

## Product Details

Ig Type:	Rabbit monoclonal IgG
Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	150 kDa
Purification:	Protein A Affinity Purified

## Applications

Verified Activity:	Flow cytometry analysis of EpCAM overexpressed 481F cells with TMAZ-0137, followed by goat anti-rabbit IgG-ABflo 647 (red line). The isotype control is rabbit IgG (black line).
Application:	ELISA, FCM
Recommended	0.1-0.2 µg/10E6 cells for FCM; 1 ng/µl for ELISA

## Properties

Purity:	> 95% as determined by SDS-PAGE.
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:	EpCAM
Antigen Species:	Human
Gene ID:	4072
Uniprot ID:	P16422
Synonyms:	Epithelial glycoprotein;KS 1/4 antigen;Adenocarcinoma-associated antigen;Cell surface glycoprotein Trop-1;Epithelial glycoprotein 314;Major gastrointestinal tumor-associated protein GA733-2;Tumor-associated calcium signal transducer 1;Epithelial cell adhesion molecule;Epithelial cell surface antigen;KSA
Biology Area:	Cancer Research

## 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 of FABP5, MYC and cyclins A and E

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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