EpCAM Antibody
CAB1177

Description

This EpCAM Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CAB1177
Contents:	20 µL, 100 µL
	Bradford Reagent: 1 vial (2ml)
Category:	Polyclonal Antibody
Synonyms:	ESA, KSA, M4S1, MK-1, DIAR5, EGP-2, EGP40, KS1/4, MIC18, TROP1, BerEp4, EGP314, HNPCC8, LYNCH8, MOC-31, Ber-Ep4, TACSTD1, EpCAM
Clone:	-
Applications:	WB IF/ICC ELISA
Conjugation:	Unconjugated
Reactivity:	Human, Mouse, Rat

Antibody Data

Gene ID:	4072
Uniprot:	AB_2758746
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	35-45kDa
Calculated MW:	35kDa

Manufacturers Statement: This final kit system is assembled and quality-released by Assay Genie Limited.

Preparation & Storage

Storage: Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: HT-29, Mouse colon, Rat colon

Recommended Dilutions:

WB	1:500 - 1:1000
IF/ICC	1:50 - 1:200
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol

Validation Data
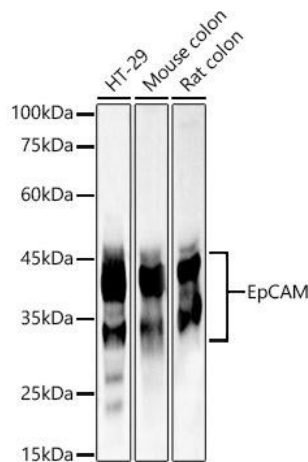
Western blot analysis of various lysates, using EpCAM Rabbit pAb (CAB1177) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 10s.
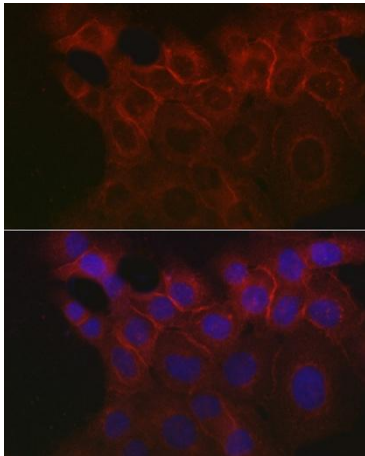
Immunofluorescence analysis of cells using EpCAM Rabbit pAb (CAB1177) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.