Anti-EPCAM antibody (215-314) [S4MR] (STJ11101674)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

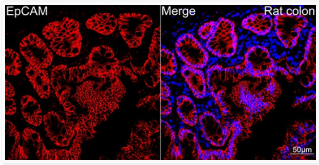
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 35kDa Observed Mw: Refer to figures
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

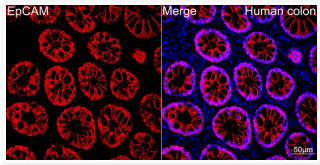
Gene ID	4072
Gene Symbol	EPCAM
UniProt ID	EPCAM_HUMAN
Immunogen Region	215-314
Immunogen Sequence	YFEKDVKGESLFHSKKMDLT VNGEQLDLDPGQTLIYYVDE KAPEFSMQGLKAGVIAVIVV VVIAVVAGIVVLVISRKKRM AKYEKAEIKEMGEMHRELNA
Specificity	A synthetic peptide corresponding to a sequence within amino acids 215-314 of human EpCAM (P16422).

ADDITIONAL INFORMATION

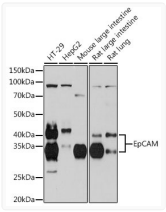
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Confocal imaging of Rat colon using EpCAM Rabbit monoclonal antibody (STJ11101674, dilution 1:50) (Red). DAPI was used for nuclear staining (blue). Objective: 40x.



Confocal imaging of Human colon using EpCAM Rabbit monoclonal antibody (STJ11101674, dilution 1:50) (Red). DAPI was used for nuclear staining (blue). Objective: 40x.



Western blot analysis of extracts of various cell lines, using EpCAM Rabbit monoclonal antibody (STJ11101674) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3min.