

Anti-MCAM antibody (447-646) (STJ11104370)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

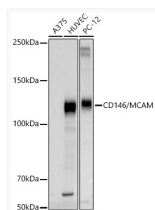
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 72kDa Observed Mw: 120kDa
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	4162
Gene Symbol	MCAM
UniProt ID	MUC18_HUMAN
Immunogen Region	447-646
Immunogen Sequence	VLNLSCEASGHPRTISWNV NGTASEQDQDPQRLSTLNV LVTPELLETGVECTASNDLG KNTSILFLELVNLTTLTPDS NNTTGLSTSTASPHTRANST STERKLPEPESRGVVIVAVI VCILVLAVLGAVLYFLYKKG KLPCRRSGKQEITLPPSRKS ELVVEVKSDKLPEEMGLLQG SSGDKRAPGDQGEKYIDLRH
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 447-646 of human CD146/MCAM (NP_006491.2).

ADDITIONAL INFORMATION

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



Western blot analysis of extracts of various cell lines, using CD146/MCAM antibody (STJ11104370) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.