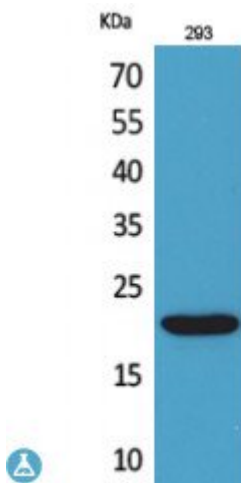




Anti-CMTM6 antibody



Description	Rabbit polyclonal to CMTM6.
Model	STJ96673
Host	Rabbit
Reactivity	Human
Applications	ELISA, IHC-p, WB
Immunogen	Synthesized peptide derived from human CMTM6.
Immunogen Region	131-180 aa, C-terminal
Gene ID	54918
Gene Symbol	CMTM6
Dilution range	WB 1:500-1:2000IHC-p 1:100-1:300ELISA 1:20000
Specificity	CMTM6 polyclonal antibody detects endogenous levels of CMTM6 protein.
Tissue Specificity	Expressed in the leukocytes, placenta and testis.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	FOR RESEARCH USE ONLY (RUO).
Protein Name	Cklf-Like Marvel Transmembrane Domain-Containing Protein 6Chemokine-Like Factor Superfamily Member 6
Molecular Weight	20 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:19177OMIM:607889
Alternative Names	Anti-Cklf-Like Marvel Transmembrane Domain-Containing Protein 6 antibody Anti-Chemokine-Like Factor Superfamily Member 6 antibody Anti-CMTM6 CKLFSF6 antibody
Function	Master regulator of recycling and plasma membrane expression of PD-L1/CD274, an immune inhibitory ligand critical for immune tolerance to self and antitumor immunity. Associates with both constitutive and IFNG-induced PD-L1/CD274 at recycling endosomes, where it protects PD-L1/CD274 from being targeted for lysosomal degradation, likely by preventing its STUB1-mediated ubiquitination. May stabilize PD-L1/CD274 expression on antigen presenting cells and potentiates inhibitory signaling by PDCD1/CD279, its receptor on T-cells, ultimately triggering T-cell anergy.
Cellular Localization	Cell Membrane Multi-Pass Membrane Protein Early Endosome Membrane Recycling Endosome Membrane Co-Localizes With Pd-L1/Cd274 In The Plasma Membrane And In Recycling Endosomes

St John's Laboratory Ltd

F +44 (0)207 681 2580

T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>

E info@stjohnslabs.com