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CMTM4 Polyclonal Antibody

Catalog # AP69169

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	Q8IZR5
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	25828

Additional Information

Gene ID	146223
Other Names	CMTM4; CKLFSF4; CKLF-like MARVEL transmembrane domain-containing protein 4; Chemokine-like factor superfamily member 4
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications. IHC-P~~N/A IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

Protein Information

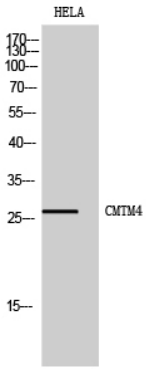
Name	CMTM4 (HGNC:19175)
Synonyms	CKLFSF4
Function	Acts as a backup for CMTM6 to regulate plasma membrane expression of PD-L1/CD274, an immune inhibitory ligand critical for immune tolerance to self and antitumor immunity. May protect PD- L1/CD274 from being polyubiquitinated and targeted for degradation.
Cellular Location	Membrane; Multi-pass membrane protein
Tissue Location	Highly expressed in testis and prostate.

Background

Acts as a backup for CMTM6 to regulate plasma membrane expression of PD-L1/CD274, an immune inhibitory ligand critical for immune tolerance to self and antitumor immunity. May protect PD-L1/CD274

from being polyubiquitinated and targeted for degradation.

Images



Western Blot analysis of HELA cells using CMTM4 Polyclonal Antibody

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.