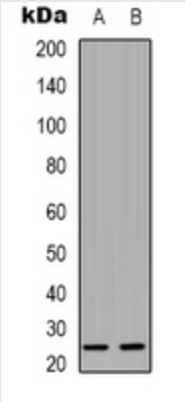
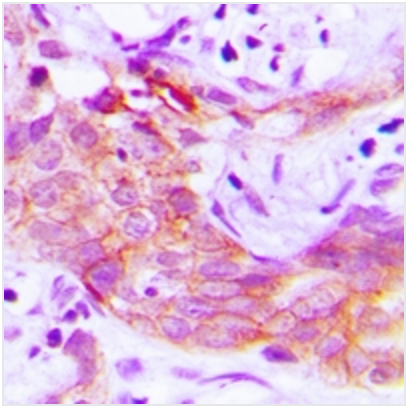
CMTM4 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CMTM4, Polyclonal Antibody
Full Product Name	Anti-CMTM4 Antibody
Product Gene Name	anti-CMTM4 antibody
Product Synonym Names	CKLFSF4; CKLF-like MARVEL transmembrane domain-containing protein 4; Chemokine-like factor superfamily member 4
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Bovine
Form/Format	Liquid in PBS, pH 7.3, 0.2% BSA, and 0.02% Sodium Azide.
Purity/Purification	The antibody was purified by affinity chromatography.
Specificity	Recognizes endogenous levels of CMTM4 protein.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.
Antibody/Peptide Pairs	CMTM4 peptide (MBS8244235) is used for blocking the activity of CMTM4 antibody (MBS8242408)
Molecular Weight	19,690 Da
OMIM	607887
3D Structure	ModBase 3D Structure for Q8IZR5
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CMTM4. The exact sequence is proprietary.
Applications Tested/Suitable for anti-CMTM4 antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-CMTM4 antibody	Western Blot: (1/500 - 1/1000); Immunohistochemistry: (1/100 - 1/200)
Related Product Information for anti-CMTM4 antibody	MBS8242408 is an antibody targeting CMTM4. Reactive in Human, Mouse, Bovine. Host: Rabbit. Rabbit polyclonal antibody to CMTM4
Other Notes	Small volumes of anti-CMTM4 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-CMTM4 antibody
Western blot analysis of CMTM4 expression in Hela (A), A431 (B) whole cell lysates.



Immunohistochemistry (IHC) of anti-CMTM4 antibody
Immunohistochemical analysis of CMTM4 staining in human prostate cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CMTM4. It may not necessarily be applicable to this product.

NCBI GI #	34921813
NCBI GeneID	146223
NCBI Accession #	Q8IZR5.1
UniProt Primary Accession #	Q8IZR5
UniProt Secondary Accession #	Q52M40; Q8IZR4; Q8IZV1
UniProt Related Accession #	Q8IZR5
NCBI Official Full Name	CKLF-like MARVEL transmembrane domain-containing protein 4
NCBI Official Synonym Full Names	CKLF like MARVEL transmembrane domain containing 4
NCBI Official Symbol	CMTM4
NCBI Official Synonym Symbols	CKLFSF4
UniProt Protein Name	CKLF-like MARVEL transmembrane domain-containing protein 4
UniProt Synonym Protein Names	Chemokine-like factor superfamily member 4
Protein Family	CKLF-like MARVEL transmembrane domain-containing protein
UniProt Gene Name	CMTM4
UniProt Synonym Gene Names	CKLFSF4
UniProt Entry Name	CKLF4_HUMAN
NCBI Protein Information	CKLF-like MARVEL transmembrane domain-containing protein 4
NCBI Summary for CMTM4	This gene belongs to the chemokine-like factor gene superfamily, a novel family that is similar to the chemokine and the transmembrane 4 superfamilies of signaling molecules. This gene is one of several chemokine-like factor genes located in a cluster on chromosome 16. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]

UniProt Comments for CMTM4	CMTM4: a member of the chemokine-like factor gene superfamily, a novel family that is similar to the chemokine and the transmembrane 4 superfamilies of signaling molecules. This gene is one of several chemokine-like factor genes located in a cluster on chromosome 16. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008] Protein type: Membrane protein, multi-pass; Chemokine; Membrane protein, integral Chromosomal Location of Human Ortholog: 16q21-q22.1 Cellular Component: extracellular space; integral to membrane Molecular Function: cytokine activity Biological Process: chemotaxis
Research Articles on CMTM4	**1.** Data show that CMTM4 might be an important gene involved in cell growth and cell cycle regulation.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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