

Rabbit anti-Human CMTM7 Polyclonal Antibody | anti-CMTM7 antibody

CMTM7 Antibody (N-term)

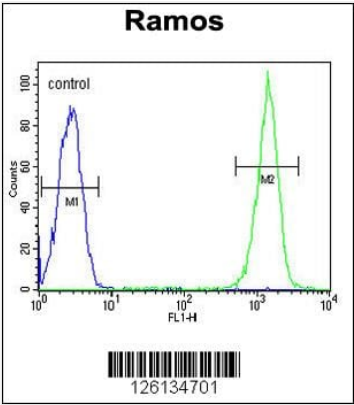
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283942	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

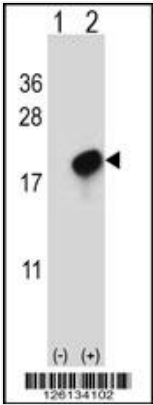
CMTM7; Polyclonal Antibody; CMTM7 Antibody (N-term); CKLF-like MARVEL transmembrane domain-containing protein 7; Chemokine-like factor superfamily member 7; CKLFSF7; anti-CMTM7 antibody

PRODUCT SPECIFICATIONS

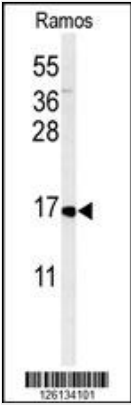
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CMTM7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 13-42 amino acids from the N-terminal region of human CMTM7.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	13-42
Sequence Length	175
Applicable Applications for anti-CMTM7 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
CMTM7 Antibody (N-term) flow cytometric analysis of Ramos cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of CMTM7 (arrow) using rabbit polyclonal CMTM7 Antibody (N-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the CMTM7 gene.



WB (Western Blot)
Western blot analysis of CMTM7 Antibody (N-term) in Ramos cell line lysates (35ug/lane).CMTM7 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CMTM7 antibody	CMTM7 belongs to the chemokine-like factor gene superfamily, a novel family that is similar to the chemokine and transmembrane 4 superfamilies. This gene is one of several chemokine-like factor genes located in a cluster on chromosome 3. The protein encoded by this gene is highly expressed in leukocytes, but its exact function is unknown.
Product Categories/Family for anti-CMTM7 antibody	Immunology
References	Han, W., et al. Genomics 81(6):609-617(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	19923929
NCBI GeneID	112616
NCBI Accession #	NP_612419.1; NP_852137.1
NCBI GenBank Nucleotide #	NM_138410.2
UniProt Accession #	Q96FZ5; Q5VLK1
Molecular Weight	18834

NCBI Official Full Name	CKLF-like MARVEL transmembrane domain-containing protein 7 isoform a
NCBI Official Synonym Full Names	CKLF-like MARVEL transmembrane domain containing 7
NCBI Official Symbol	CMTM7
NCBI Official Synonym Symbols	CKLFSF7
NCBI Protein Information	CKLF-like MARVEL transmembrane domain-containing protein 7
UniProt Protein Name	CKLF-like MARVEL transmembrane domain-containing protein 7
UniProt Gene Name	CMTM7
UniProt Synonym Gene Names	CKLFSF7
UniProt Entry Name	CKLF7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/cmtm7-antibody-flow-cytometry-western-blot-elisa/283942>