

CMTM7 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP5023a

Product Information

Application	WB, FC, E
Primary Accession	Q96FZ5
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB26134
Calculated MW	18834
Antigen Region	13-42

Additional Information

Gene ID	112616
Other Names	CKLF-like MARVEL transmembrane domain-containing protein 7, Chemokine-like factor superfamily member 7, CMTM7, CKLFSF7
Target/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.
Dilution	WB~~1:1000 FC~~1:10~50 E~~Use at an assay dependent concentration.
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.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	CMTM7 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	CMTM7
Synonyms	CKLFSF7
Cellular Location	Membrane; Multi-pass membrane protein.

Tissue Location

Highly expressed in leukocytes.

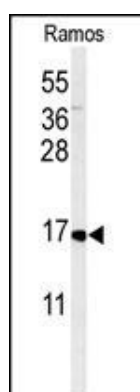
Background

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.

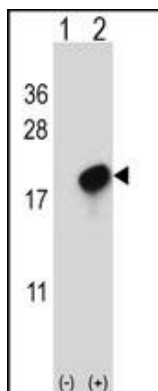
References

Han, W., et al. Genomics 81(6):609-617(2003)

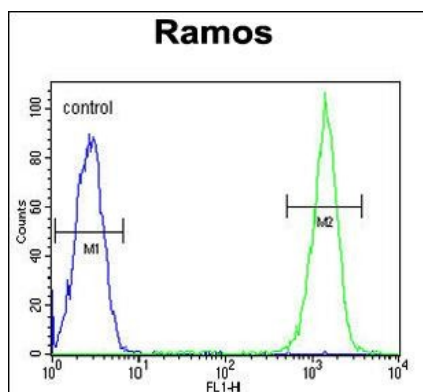
Images



Western blot analysis of CMTM7 Antibody (N-term) (Cat. #AP5023a) in Ramos cell line lysates (35ug/lane).CMTM7 (arrow) was detected using the purified Pab.



Western blot analysis of CMTM7 (arrow) using rabbit polyclonal CMTM7 Antibody (N-term) (Cat. #AP5023a). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the CMTM7 gene.



CMTM7 Antibody (N-term) (Cat. #AP5023a) 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.