

CKLFSF4 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant CKLFSF4.

Catalog # AT1544a

Product Information

Application	WB, E
Primary Accession	Q8IZR5
Other Accession	NM_178818
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	6G4
Calculated MW	25828

Additional Information

Gene ID	146223
Other Names	CKLF-like MARVEL transmembrane domain-containing protein 4, Chemokine-like factor superfamily member 4, CMTM4, CKLFSF4
Target/Specificity	CKLFSF4 (NP_848933, 173 a.a. ~ 234 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	CKLFSF4 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

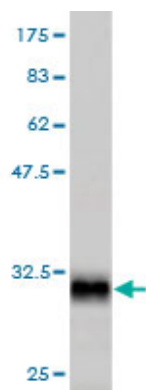
This gene belongs to the chemokine-like factor gene superfamily, a novel family that is similar to the chemokine and the transmembrane 4 superfamilies of signaling molecules. This gene is one of several chemokine-like factor genes located in a cluster on chromosome 16. Alternatively spliced transcript variants encoding different isoforms have been identified.

References

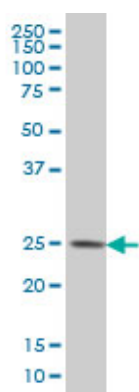
Identification and characterization of CMTM4, a novel gene with inhibitory effects on HeLa cell growth through Inducing G2/M phase accumulation. Plate M, et al. Mol Cells, 2010 Apr. PMID 20213316.Complete

sequencing and characterization of 21,243 full-length human cDNAs. Ota T, et al. Nat Genet, 2004 Jan. PMID 14702039. Identification of eight genes encoding chemokine-like factor superfamily members 1-8 (CKLFSF1-8) by in silico cloning and experimental validation. Han W, et al. Genomics, 2003 Jun. PMID 12782130. Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932.

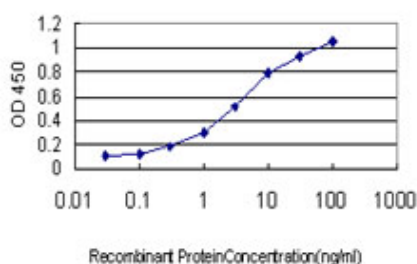
Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (32.56 KDa) .



CKLFSF4 monoclonal antibody (M01), clone 6G4 Western Blot analysis of CMTM4 expression in HeLa (Cat # AT1544a)



Detection limit for recombinant GST tagged CMTM4 is approximately 0.1 ng/ml as a capture antibody.

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