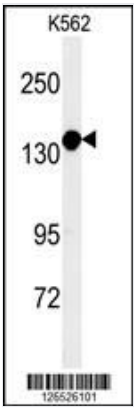
MTMRF Antibody – Rabbit Polyclonal

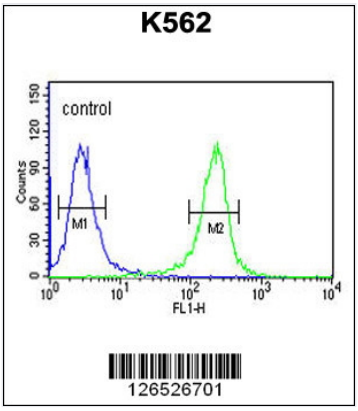
PRODUCT OVERVIEW

Product Name	MTMRF, Polyclonal Antibody
Full Product Name	MTMRF, NT (FAN1, KIAA1018, MTMR15, Fanconi-associated nuclease 1, FANCD2/FANCI-associated nuclease 1, Myotubularin-related protein 15) (Biotin)
Product Gene Name	anti-MTMRF antibody
Product Synonym Gene Name	FAN1
Product Synonym Names	FAN1; KIAA1018; MTMR15; Fanconi-associated nuclease 1; FANCD2/FANCI-associated nuclease 1; Myotubularin-related protein 15
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	114,225 Da
OMIM	gene 614817
3D Structure	ModBase 3D Structure for Q9Y2M0
Immunogen	MTMRF antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 155-185 amino acids from the N-terminal region of human MTMRF.
Conjugate	Biotin
Note	Preservative Free
Product Categories/Family for anti-MTMRF antibody	Antibodies; Fanconi Proteins
Applications Tested/Suitable for anti-MTMRF antibody	Flow Cytometry (FC/FACS), ELISA (EIA), Western Blot (WB)
Application Notes for anti-MTMRF antibody	FC/FACS: 1:10-50 ELISA: 1:1,000 WB: 1:100-500 Applications are based on unconjugated antibody.
Related Product Information for anti-MTMRF antibody	MTMRF encodes a member of the myotubularin-related class 1 cysteine-based protein tyrosine phosphatases. The encoded protein may be catalytically inactive.
Product References and Citations for anti-MTMRF antibody	Kimura, K., et al. Genome Res. 16(1):55-65(2006). Suzuki, Y., et al. Genome Res. 14(9):1711-1718(2004). Alonso, A., et al. Cell 117(6):699-711(2004).

Other Notes	Small volumes of anti-MTMRF 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.
Searchable Terms for MTMRF purchase	MBS6322837 is an antibody targeting MTMRF. Also known as MTMRF, NT (FAN1, KIAA1018, MTMR15, Fanconi-associated nuclease 1, FANCD2/FANCI-associated nuclease 1, Myotubularin-related protein 15) (Biotin). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-MTMRF antibody
Western blot analysis of MTMRF Antibody (N-term) in K562 cell line lysates (35ug/lane).MTMRF (arrow) was detected using the purified Pab.



Flow Cytometry (FC/FACS) of anti-MTMRF antibody
MTMRF Antibody (N-term) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

ADDITIONAL DETAILS

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

NCBI GI #	226246525
NCBI GeneID	22909
NCBI Accession #	NP_001139566.1
UniProt Primary Accession #	Q9Y2M0
UniProt Secondary Accession #	Q86WU8; A8K4M2
UniProt Related Accession #	Q9Y2M0
GenBank Nucleotide #	NM_001146094.1
NCBI Official Full Name	fanconi-associated nuclease 1 isoform b
NCBI Official Synonym Full Names	FANCD2/FANCI-associated nuclease 1
NCBI Official Symbol	FAN1
NCBI Official Synonym Symbols	KMIN; MTMR15; KIAA1018
UniProt Protein Name	Fanconi-associated nuclease 1
UniProt Synonym Protein Names	FANCD2/FANCI-associated nuclease 1; Myotubularin-related protein 15
UniProt Gene Name	FAN1
UniProt Synonym Gene Names	KIAA1018; MTMR15
UniProt Entry Name	FAN1_HUMAN
NCBI Protein Information	fanconi-associated nuclease 1; myotubularin-related protein 15; fanconi anemia associated nuclease 1; coiled-coil domain-containing protein MTMR15

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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