

Datasheet for ABIN651440
anti-FAN1 antibody (N-Term)

3 Images

[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	FAN1
Binding Specificity:	AA 146-174, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FAN1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This MTMRF antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 146-174 amino acids from the N-terminal region of human MTMRF.
Clone:	RB26526
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	FAN1
Alternative Name:	MTMR15 (FAN1 Products)
Background:	MTMRF encodes a member of the myotubularin-related class 1 cysteine-based protein tyrosine

Target Details

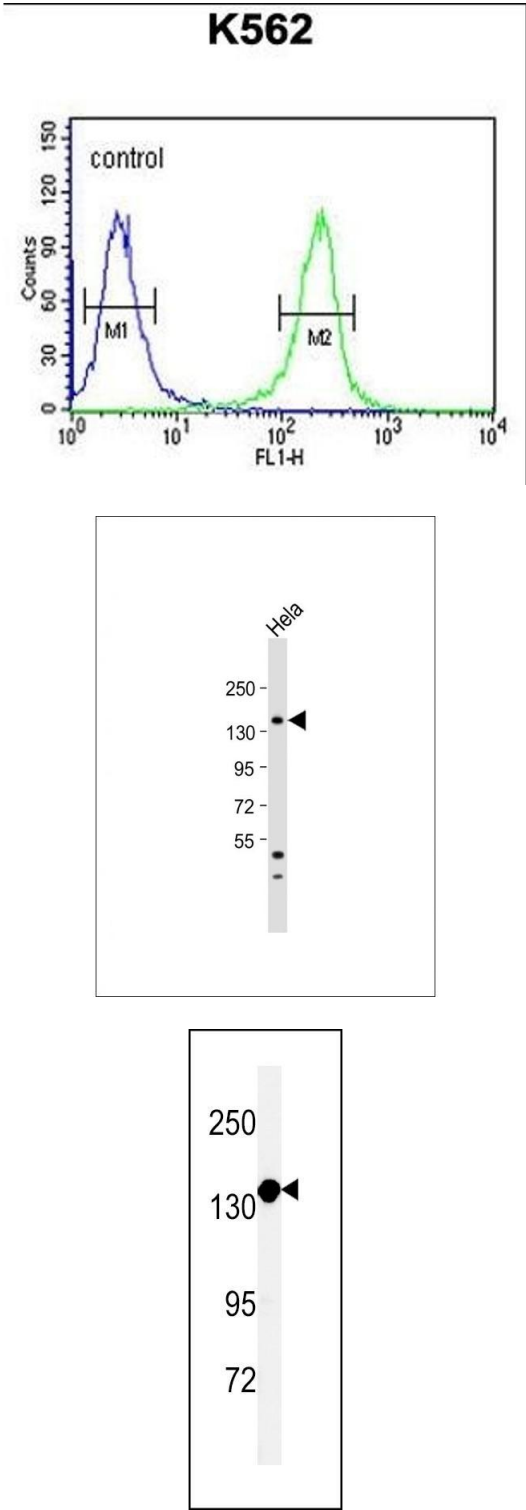
	phosphatases. The encoded protein may be catalytically inactive.
Molecular Weight:	114225
Gene ID:	22909
NCBI Accession:	NP_001139566 , NP_001139567 , NP_001139568 , NP_055782
UniProt:	Q9Y2M0
Pathways:	DNA Damage Repair

Application Details

Application Notes:	WB: 1:1000. WB: 1:1000. FC: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Flow Cytometry

Image 1. MTMRF Antibody (N-term) (ABIN651440 and ABIN2840242) 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.

Western Blotting

Image 2. Anti-MTMRF Antibody (N-term) at 1:1000 dilution + HeLa whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 114 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.

Western Blotting

Image 3. Western blot analysis of MTMRF Antibody (N-term) (ABIN651440 and ABIN2840242) in K562 cell line lysates (35 µg/lane). MTMRF (arrow) was detected using the purified Pab.