

Rabbit anti-Human MYO19 Polyclonal Antibody | anti-MYO19 antibody

MYO19 Antibody (Center)

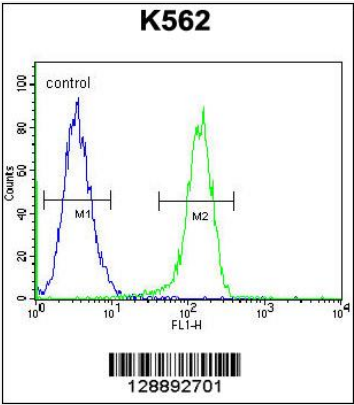
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287816	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

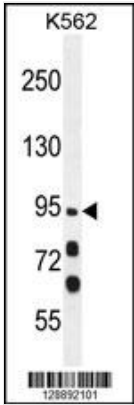
MYO19; Polyclonal Antibody; MYO19 Antibody (Center); Unconventional myosin-XIX; Myosin head domain-containing protein 1; MYOHD1; anti-MYO19 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MYO19 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 554-582 amino acids from the Central region of human MYO19.
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	554-582
Sequence Length	770
Applicable Applications for anti-MYO19 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)
MYO19 Antibody (Center) 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.



WB (Western Blot)
MYO19 Antibody (Center) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the MYO19 antibody detected the MYO19 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-MYO19 antibody	Probable S-adenosyl-L-methionine-dependent methyltransferase that catalyzes the formation of 5-methyl-uridine at position 54 (M-5-U54) in all tRNA. May also have a role in tRNA stabilization or maturation (By similarity).
Product Categories/Family for anti-MYO19 antibody	Signal Transduction
References	Quintero, O.A., et al. Curr. Biol. 19(23):2008-2013(2009) Odrionitz, F., et al. Genome Biol. 8 (9), R196 (2007) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	75812980
NCBI GeneID	80179
NCBI Accession #	NP_001028752.1; NP_001157207.1; NP_079385.2
NCBI GenBank Nucleotide #	NM_001033580.2
UniProt Accession #	Q96H55; Q59GS4; Q9H5X2
Molecular Weight	109135
NCBI Official Full Name	unconventional myosin-XIX isoform 3
NCBI Official Synonym Full Names	myosin XIX
NCBI Official Symbol	MYO19
NCBI Official Synonym Symbols	MYOHD1
NCBI Protein Information	unconventional myosin-XIX
UniProt Protein Name	Unconventional myosin-XIX
UniProt Gene Name	MYO19
UniProt Synonym Gene Names	MYOHD1
UniProt Entry Name	MYO19_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.

