

Rabbit anti-Human MT-ND5 Polyclonal Antibody | anti-MT-ND5 antibody

Anti-MT-ND5 Antibody (aa544-570)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162373	Rabbit	Human	Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay

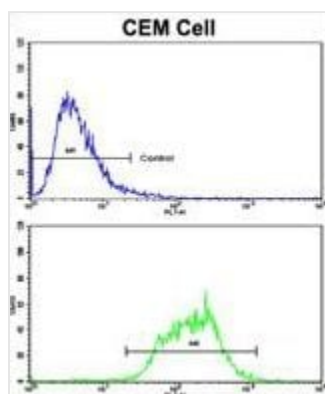
PRODUCT SYNONYMS

MT-ND5; Polyclonal Antibody; Anti-MT-ND5 Antibody (aa544-570); Rabbit Polyclonal (IgG) to Human MT-ND5; MTND5; NAD5; NADH dehydrogenase 5; NADH dehydrogenase subunit 5; ND5; NADH5; anti-MT-ND5 antibody

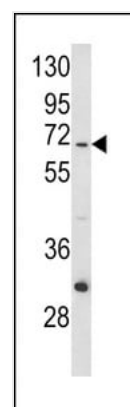
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	This ND5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 544-570 amino acids from the C-terminal region of human ND5.
Purity/Purification	Protein A purified
Form/Format	PBS, 0.09% sodium azide
Sequence Length	603
Applicable Applications for anti-MT-ND5 antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Conjugation	Unconjugated
Epitope	aa544-570
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C.

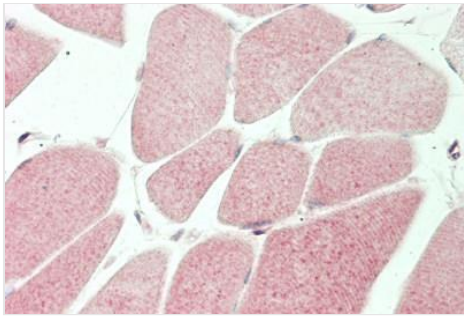
IMAGES


FCM/FACS (Flow Cytometry)

Flow cytometric of CEM cells using ND5 Antibody (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.


WB (Western Blot)

Western blot of ND5 Antibody in CEM cell line lysates (35 ug/lane). ND5 (arrow) was detected using the purified antibody.



IHC (Immunohistochemistry)
Human Skeletal Muscle: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-MT-ND5 antibody	Core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) that is believed to belong to the minimal assembly required for catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. the immediate electron acceptor for the enzyme is believed to be ubiquinone.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	251831117
NCBI GeneID	4540
NCBI Accession #	YP_003024036.1
NCBI GenBank Nucleotide #	NC_012920.1
UniProt Accession #	P03915; Q34773; Q8WCY3
Molecular Weight	67,027 Da
NCBI Official Full Name	NADH dehydrogenase subunit 5 (mitochondrion)
NCBI Official Synonym Full Names	mitochondrially encoded NADH dehydrogenase 5
NCBI Official Symbol	MT-ND5
NCBI Official Synonym Symbols	MTND5; ND5
NCBI Protein Information	NADH dehydrogenase, subunit 5 (complex I)
UniProt Protein Name	NADH-ubiquinone oxidoreductase chain 5
UniProt Gene Name	MT-ND5
UniProt Synonym Gene Names	MTND5; NADH5; ND5

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mt-nd5-antibody-western-blot-immunohistochemistry-flow-cytometry-elisa/162373>