

Mouse CHCHD5 Monoclonal Antibody | anti-CHCHD5 antibody

CHCHD5 antibody

CATALOG # AAA106188	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay
-------------------------------	----------------------	---

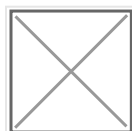
PRODUCT SYNONYMS

CHCHD5; Monoclonal Antibody; CHCHD5 antibody; Monoclonal CHCHD5; Anti-CHCHD5; Coiled coil helix coiled coil helix domain containing 5; MGC11104; C2orf9; Chromosome 2 open reading frame 9; FLJ39671; CHCHD 5; CHCHD-5; anti-CHCHD5 antibody

PRODUCT SPECIFICATIONS

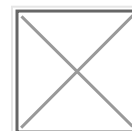
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	9 E11
Purity/Purification	CHCHD5 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	110
Applicable Applications for anti-CHCHD5 antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Biological Significance	CHCHD5 contains 1 CHCH domain. Contains a myristylation motif followed by DUF domain and a CHCH domain. Over-expressed ChChd3 is localized only to mitochondria. Deletion of CHCH domain disrupts mitochondrial localization suggesting that CHCH domain is an essential targeting motif in ChChd3. In vitro protein import studies showed that in addition to cysteines in CHCH domain, myristoylation is also necessary for targeting the protein to the IM of mitochondria. Over-expressed ChChd3 in HEK 293 cells binds to PKA and shows a clear increase in phosphorylation at Thr10 upon stimulation with 8-CPT cAMP.
Cross-Reactivity	Human
Immunogen	CHCHD5 antibody was raised in mouse using a full length recombinant protein of human CHCHD5 (NP_115685) produced in E Coli as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of CHCHD5 protein in paraffin embedded Adenocarcinoma of Human endometrium tissue using CHCHD5 antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant CHCHD5 protein (Right) or empty vector (Left) detected with CHCHD5 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-CHCHD5 antibody	Mouse monoclonal CHCHD5 antibody
Product Categories/Family for anti-CHCHD5 antibody	DNA & RNA

NCBI AND UNIPROT INFORMATION

NCBI GI #	14150070
NCBI GeneID	84269
NCBI Accession #	NP_115685
NCBI GenBank Nucleotide #	NM_032309.2
UniProt Accession #	Q9BSY4; Q585T4; Q8N8C4
Molecular Weight	17,713 Da
NCBI Official Full Name	coiled-coil-helix-coiled-coil-helix domain-containing protein 5 isoform a
NCBI Official Synonym Full Names	coiled-coil-helix-coiled-coil-helix domain containing 5
NCBI Official Symbol	CHCHD5
NCBI Official Synonym Symbols	MIC14; C2orf9
NCBI Protein Information	coiled-coil-helix-coiled-coil-helix domain-containing protein 5
UniProt Protein Name	Coiled-coil-helix-coiled-coil-helix domain-containing protein 5
UniProt Gene Name	CHCHD5
UniProt Synonym Gene Names	C2orf9
UniProt Entry Name	CHCH5_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/chchd5-antibody-clone-9-e11-western-blot-immunohistochemistry-flow-cytometry-elisa/106188>