

MCU recombinant antibody

MCU Rabbit mAb

CATALOG # AAA314963	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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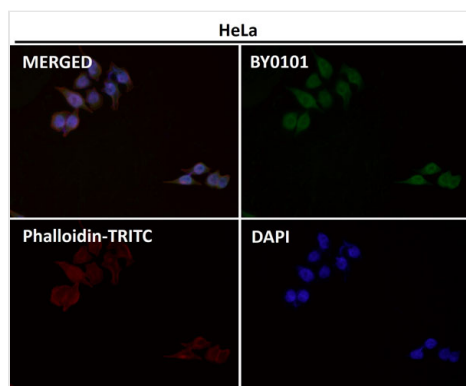
PRODUCT SYNONYMS

MCU; Monoclonal Recombinant Antibody; MCU Rabbit mAb; C10orf42; Calcium uniporter protein mitochondrial; Ccdc109a; HsMCU; Mitochondrial Calcium Uniporter; MCU recombinant antibody

PRODUCT SPECIFICATIONS

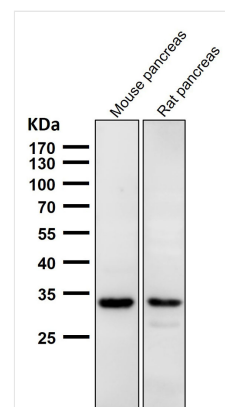
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Specificity	MCU Antibody detects endogenous levels of total MCU
Purity/Purification	Affinity-chromatography
Form/Format	Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for MCU recombinant antibody	IF (Immunofluorescence), WB (Western Blot)
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



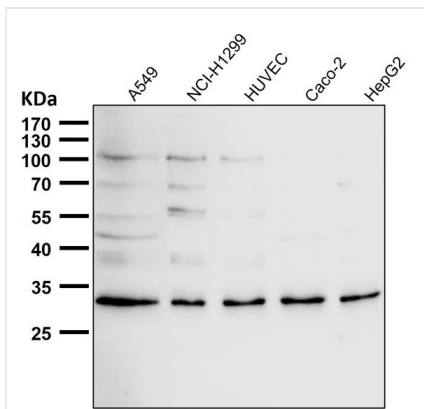
IF (Immunofluorescence)

Immunofluorescent analysis using the Antibody at 1:50 dilution.



Application Data

All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



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ADDITIONAL INFORMATION

Related Product Information for MCU recombinant antibody	Mitochondrial inner membrane calcium uniporter that mediates calcium uptake into mitochondria (PubMed:21685888, PubMed:21685886, PubMed:23101630, PubMed:22904319, PubMed:23178883, PubMed:22829870, PubMed:22822213, PubMed:24332854, PubMed:23755363, PubMed:26341627).
Product Categories/Family for MCU recombinant antibody	Recombinant Rabbit Monoclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	398303803
NCBI GeneID	90550
NCBI Accession #	NP_001257608.1
NCBI GenBank Nucleotide #	NM_001270679.1
UniProt Accession #	Q8NE86 ; Q96FL3 ; B2RDF3 ; B3KXV7
Molecular Weight	39,867 Da
NCBI Official Full Name	calcium uniporter protein, mitochondrial isoform 2
NCBI Official Synonym Full Names	mitochondrial calcium uniporter
NCBI Official Symbol	MCU
NCBI Official Synonym Symbols	C10orf42; CCDC109A
NCBI Protein Information	calcium uniporter protein, mitochondrial; coiled-coil domain-containing protein 109A
UniProt Protein Name	Calcium uniporter protein, mitochondrial
UniProt Gene Name	MCU
UniProt Synonym Gene Names	C10orf42; CCDC109A
UniProt Entry Name	MCU_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.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/mcu-recombinant-antibody-immunofluorescence-western-blot-elisa/314963>