



# Anti-MCU monoclonal antibody (DCABH-200933)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes a calcium transporter that localizes to the mitochondrial inner membrane. The encoded protein interacts with mitochondrial calcium uptake 1. Alternative splicing results in multiple transcript variants.
<b>Immunogen</b>	A synthetic peptide of human MCU is used for rabbit immunization.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, ELISA
<b>Size</b>	1 mg
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

**Gene Name** [MCU mitochondrial calcium uniporter \[ Homo sapiens \(human\) \]](#)

<b>Official Symbol</b>	MCU
<b>Synonyms</b>	MCU; mitochondrial calcium uniporter; C10orf42; CCDC109A; calcium uniporter protein, mitochondrial; coiled-coil domain-containing protein 109A;
<b>Entrez Gene ID</b>	<a href="#">90550</a>
<b>Protein Refseq</b>	<a href="#">NP_001257608</a>
<b>UniProt ID</b>	<a href="#">Q8NE86</a>
<b>Chromosome Location</b>	10q22.1
<b>Function</b>	calcium channel activity; protein binding; uniporter activity;