

# Mitochondrial Creatine Kinase Antibody Cy5 Conjugated

Catalog No: #C06451Cy5

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## Description

Product Name	Mitochondrial Creatine Kinase Antibody Cy5 Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 130-180 417 derived from human Mitochondrial Creatine Kinase
Conjugates	Cy5
Target Name	CKMT
Other Names	CKMT; CKMT1; UMTCK; Creatine kinase U-type, mitochondrial; Acidic-type mitochondrial creatine kinase; Mia-CK; Ubiquitous mitochondrial creatine kinase; U-MtCK; CKMT1A
Accession No.	Swiss-Prot#:P12532NCBI Gene ID:1159
Uniprot	P12532
GeneID	1159;548596;
Excitation Emission	625,650nm 670nm
Cell Localization	Mitochondrion
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Application Details

IF=1:50-200

## Background

Reversibly catalyzes the transfer of phosphate between ATP and various phosphogens (e.g. creatine phosphate). Creatine kinase isoenzymes play a central role in energy transduction in tissues with large, fluctuating energy demands, such as skeletal muscle, heart, brain and spermatozoa.

Note: This product is for in vitro research use only