

Mouse UCK1 Monoclonal Antibody | anti-UCK1 antibody

UCK1 antibody

CATALOG # AAA106994	HOST Mouse	APPLICATIONS Western Blot, Immunofluorescence
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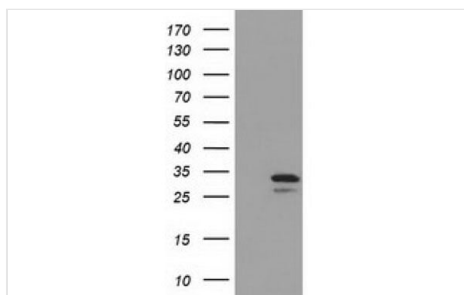
PRODUCT SYNONYMS

UCK1; Monoclonal Antibody; UCK1 antibody; Monoclonal UCK1; Anti-UCK1; Uridine-cytidine kinase 1; URK1; FLJ12255; Cytidine monophosphokinase 1; Uridine monophosphokinase 1; UCK 1; UCK-1; anti-UCK1 antibody

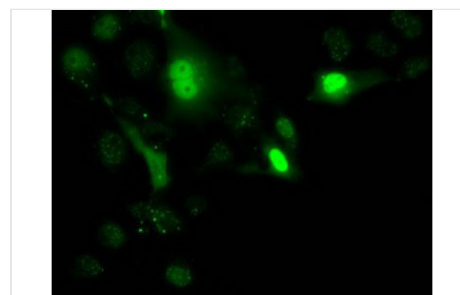
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	4C2
Purity/Purification	UCK1 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	277
Applicable Applications for anti-UCK1 antibody	WB (Western Blot), IF (Immunofluorescence)
Biological Significance	Uridine/cytidine kinase-1 is a pyrimidine ribonucleoside kinase that catalyzes the phosphorylation of uridine and cytidine to form uridine monophosphate (UMP) and cytidine monophosphate (CMP).
Cross-Reactivity	Human
Immunogen	UCK1 antibody was raised in mouse using a full length recombinant protein of human UCK1 (NP_113620) produced in HEK293T cells, 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


WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant UCK1 protein (Right) or empty vector (Left) detected with UCK1 antibody


IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant UCK1 protein using UCK1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-UCK1 antibody	Mouse monoclonal UCK1 antibody
Product Categories/Family for anti-UCK1 antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	13899253
NCBI GeneID	83549
NCBI Accession #	NP_113620
NCBI GenBank Nucleotide #	NM_031432.2
UniProt Accession #	Q9HA47; Q5JT09; Q5JT10; Q5JT12; Q5JT13; Q6IA74; Q96BJ0
Molecular Weight	32,275 Da
NCBI Official Full Name	uridine-cytidine kinase 1 isoform a
NCBI Official Synonym Full Names	uridine-cytidine kinase 1
NCBI Official Symbol	UCK1
NCBI Official Synonym Symbols	URK1
NCBI Protein Information	uridine-cytidine kinase 1
UniProt Protein Name	Uridine-cytidine kinase 1
UniProt Gene Name	UCK1
UniProt Synonym Gene Names	URK1; UCK 1
UniProt Entry Name	UCK1_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://stage.aaabiotech.com/monoclonal/uck1-antibody-clone-4c2-western-blot-immunofluorescence-elisa/106994>