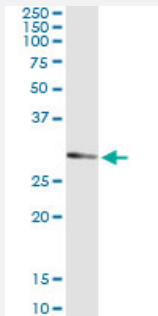


UCK2 monoclonal antibody (M03), clone 1G12

Catalog # H00007371-M03

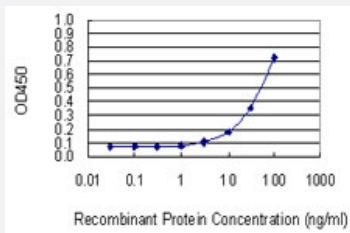
Size 100 ug

Applications



Immunoprecipitation

Immunoprecipitation of UCK2 transfected lysate using anti-UCK2 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with UCK2 MaxPab rabbit polyclonal antibody.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged UCK2 is 1 ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant UCK2.
Immunogen	UCK2 (AAH02906, 1 a.a. ~ 261 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MAGDSEQTLQNHQQPNGGEPFLIGVSGGTASGKSSVCAKIVQLLGQNEVDYRQKQVVILSQDSFYRVLTSEQKAKALKGQFNFDHPDAFDNELILKTPKEITEGKTVQIPVYDFVSHSRKEETVTVYPADVVLFEFILAFYSQEVRLDFQMKLFVDTDADTRLSSRVLRDISERGRDLEQILSQYITFVKPAFEFEC LPTKKYADVIIIPRGADNLVAINLIVQHIQDILNGGPSKRQTNGCLNGYTPSRKR*ASESSSRPH
Host	Mouse
Reactivity	Human

Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunoprecipitation

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[Protocol Download](#)

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[Protocol Download](#)

- ELISA

Gene Info — UCK2

Entrez GeneID	7371
GeneBank Accession#	BC002906
Protein Accession#	AAH02906
Gene Name	UCK2
Gene Alias	TSA903, UK, UMPK
Gene Description	uridine-cytidine kinase 2
Omim ID	609329
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene catalyzes the phosphorylation of uridine monophosphate to uridine diphosphate. This is the first step in the production of the pyrimidine nucleoside triphosphates required for RNA and DNA synthesis. In addition, an allele of this gene may play a role in mediating nonhumoral immunity to Hemophilus influenzae type B. [provided by RefSeq]

Other Designations

OTTHUMP00000038005|uridine kinase|uridine monophosphate kinase

Pathway

- [Drug metabolism - other enzymes](#)
- [Metabolic pathways](#)
- [Pyrimidine metabolism](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Osteoporosis](#)