

For Research Use Only

# UCK2 Monoclonal antibody

Catalog Number: 68622-1-Ig



## Basic Information

<b>Catalog Number:</b> 68622-1-Ig	<b>GenBank Accession Number:</b> BC002906	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 7371	<b>CloneNo.:</b> 2F10F4
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q9BZX2	<b>Recommended Dilutions:</b> WB 1:5000-1:50000
<b>Isotype:</b> IgG2b	<b>Full Name:</b> uridine-cytidine kinase 2	
<b>Immunogen Catalog Number:</b> AG0782	<b>Calculated MW:</b> 29 kDa	
	<b>Observed MW:</b> ~30 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : A549 cells, LNCaP cells, MCF-7 cells, HeLa cells, HepG2 cells, K-562 cells, HSC-T6 cells, 4T1 cells
<b>Species Specificity:</b> Human, mouse, rat	

## Background Information

Uridine-cytidine kinase 2 catalyzes the phosphorylation of uridine and cytidine to uridine monophosphate (UMP) and cytidine monophosphate (CMP), respectively. This is the first step in the production of the pyrimidine nucleoside triphosphates required for RNA and DNA synthesis. UCK2 belongs to the uridine kinase family and UCK have important roles for the phosphorylation of nucleoside analogs that may be important in chemotherapy of cancer.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

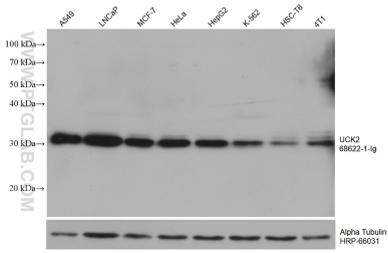
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68622-1-Ig (UCK2 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control.