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Product datasheet for TA501473

UCK (UCK1) Mouse Monoclonal Antibody [Clone ID: OTI4C2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI4C2
Applications:	FC, IF, WB
Recommended Dilution:	WB 1:2000, IF 1:100, Flow: 1:100
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human UCK1 (NP_113620) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	31.3 kDa
Gene Name:	uridine-cytidine kinase 1
Database Link:	NP_113620 Entrez Gene 83549 Human Q9HA47
Background:	Uridine/cytidine kinase-1 (EC 2.7.1.48) is a pyrimidine ribonucleoside kinase that catalyzes the phosphorylation of uridine and cytidine to form uridine monophosphate (UMP) and cytidine monophosphate (CMP) (Van Rompay et al., 2001 [PubMed 11306702]). [supplied by OMIM]
Synonyms:	URK1
Protein Families:	Druggable Genome

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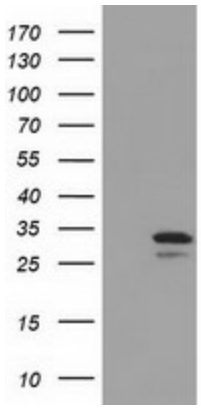
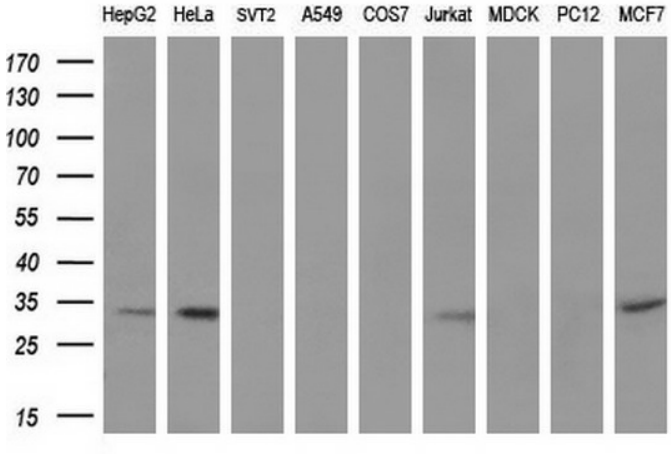
Protein Pathways: Drug metabolism - other enzymes, Metabolic pathways, Pyrimidine metabolism

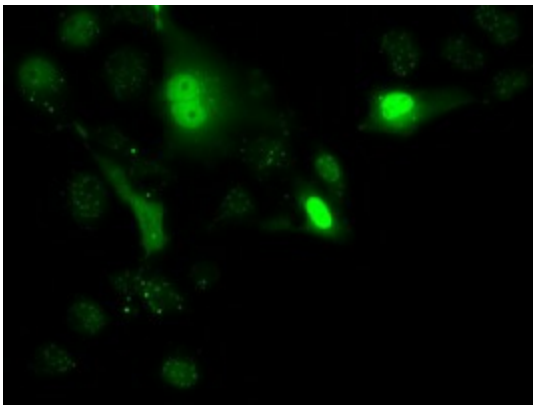
Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY UCK1 ([RC220876], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-UCK1. Positive lysates [LY403114] (100ug) and [LC403114] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-UCK1 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human) (1:200).



Anti-UCK1 mouse monoclonal antibody (TA501473) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY UCK1 ([RC220876]).

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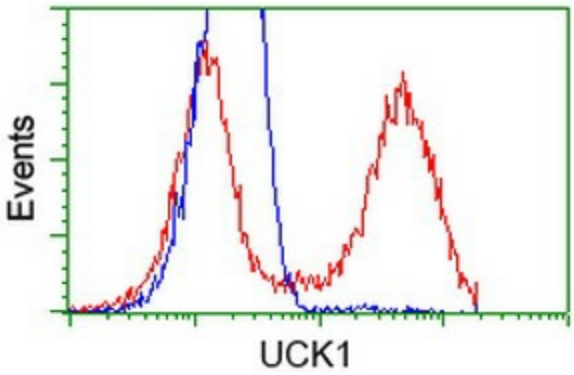

HEK293T cells transfected with either [RC220876] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-UCK1 antibody (TA501473), and then analyzed by flow cytometry.

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