

Product datasheet for **CF809854**

USP40 Mouse Monoclonal Antibody [Clone ID: OTI1B1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1B1
Applications:	WB
Recommended Dilution:	WB 1:500
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 767-912 of human USP40(NP_060688) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
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:	141.4 kDa
Gene Name:	ubiquitin specific peptidase 40
Database Link:	NP_060688 Entrez Gene 55230 Human Q9NVE5



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Background:

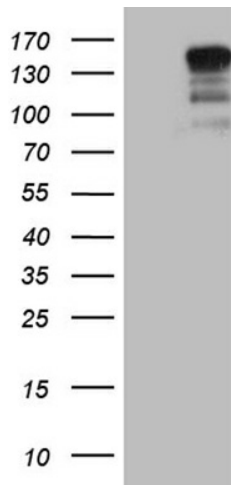
Modification of cellular proteins by ubiquitin is an essential regulatory mechanism controlled by the coordinated action of multiple ubiquitin-conjugating and deubiquitinating enzymes. USP40 belongs to a large family of cysteine proteases that function as deubiquitinating enzymes (Quesada et al., 2004 [PubMed 14715245]). [supplied by OMIM, Mar 2008].
##Evidence-Data-START## Transcript exon combination :: AJ583821.2 [ECO:0000332] RNAseq introns :: mixed/partial sample support ERS025081, ERS025082 [ECO:0000350] ##Evidence-Data-END## COMPLETENESS: complete on the 3' end.

Synonyms:

FLJ10785; FLJ42100

Protein Families:

Protease

Product images:

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY USP40 ([RC219120], 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-USP40 (1:500). Positive lysates [LY413199] (100ug) and [LC413199] (20ug) can be purchased separately from OriGene.