

## Product datasheet for **CF809899**

### USP40 Mouse Monoclonal Antibody [Clone ID: OTI7D1]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI7D1
Applications:	IHC
Recommended Dilution:	IHC 1:150
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
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:	<a href="#">NP_060688</a> <a href="#">Entrez Gene 55230 Human</a> <a href="#">Q9NVE5</a>



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**Background:**

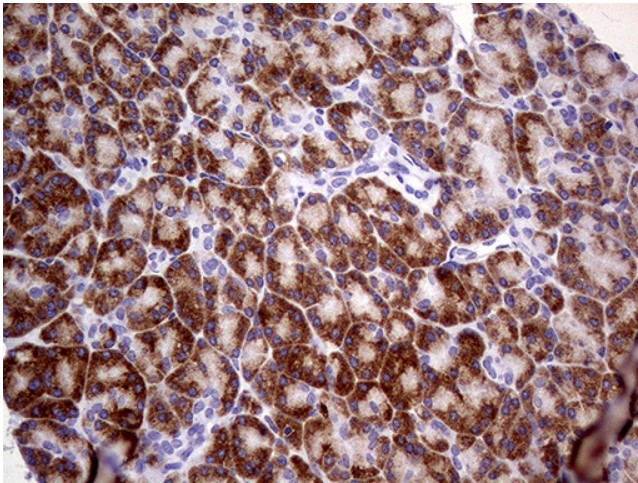
Modification of cellular proteins by ubiquitin is an essential regulatory mechanism controlled by the coordinated action of multiple ubiquitin-conjugating and deubiquitinating enzymes. USP40 belongs to a large family of cysteine proteases that function as deubiquitinating enzymes (Quesada et al., 2004 [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:**

Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-USP40 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA809899]) (1:150)