

## Product datasheet for **CF800096**

### USP36 Mouse Monoclonal Antibody [Clone ID: OTI3B9]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI3B9
Applications:	IF, WB
Recommended Dilution:	WB 1:2000, IF 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 589-972 of human USP36 (NP_079366) 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:	122.7 kDa
Gene Name:	ubiquitin specific peptidase 36
Database Link:	<a href="#">NP_079366</a> <a href="#">Entrez Gene 57602 Human</a> <a href="#">Q9P275</a>



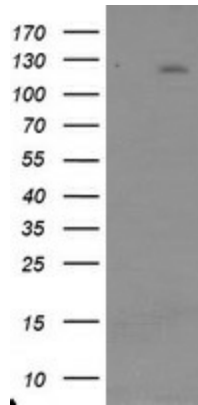
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**Background:** Modification of cellular proteins by ubiquitin is an essential regulatory mechanism controlled by the coordinated action of multiple ubiquitin-conjugating and deubiquitinating enzymes. USP36 belongs to a large family of cysteine proteases that function as deubiquitinating enzymes (Quesada et al., 2004 [PubMed 14715245]). [supplied by OMIM]

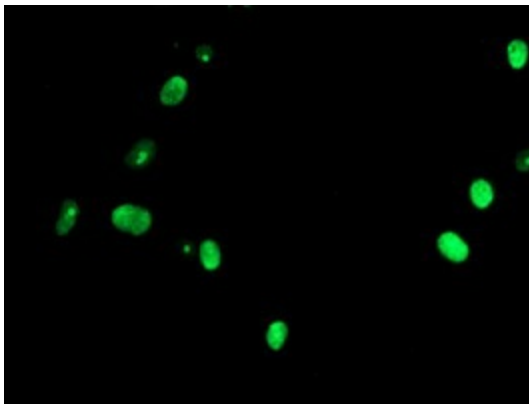
**Synonyms:** DUB1

**Protein Families:** Druggable Genome, Protease

**Product images:**



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY USP36 ([RC209781], 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-USP36. Positive lysates [LY403047] (100ug) and [LC403047] (20ug) can be purchased separately from OriGene.



Anti-USP36 mouse monoclonal antibody ([TA800096]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY USP36 ([RC209781]).