

# **Product datasheet for CF501944**

### OriGene Technologies, Inc.

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## OTUB2 Mouse Monoclonal Antibody [Clone ID: OTI2F6]

#### **Product data:**

**Product Type:** Primary Antibodies

Clone Name: OTI2F6
Applications: IF, WB

Recommended Dilution: WB 1:500~2000, IF 1:100

Reactivity: Human, Mouse, Rat

Host: Mouse Isotype: IgG1

Clonality: Monoclonal

**Immunogen:** Full length human recombinant protein of human OTUB2 (NP\_075601) produced in HEK293T

cell

**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: 27.0 kDa

**Gene Name:** OTU deubiquitinase, ubiquitin aldehyde binding 2

Database Link: NP 075601

Entrez Gene 68149 MouseEntrez Gene 314405 RatEntrez Gene 78990 Human

Q96DC9

Background: Otubains are deubiquitylating cysteine proteases (DUBs; see MIM 602519) that belong to the

ovarian tumor (OTU) protein superfamily. Like other DUBs, otubains cleave proteins precisely

at the ubiquitin (UB; see MIM 191339)-protein bond. [supplied by OMIM]

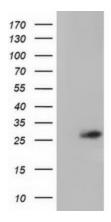




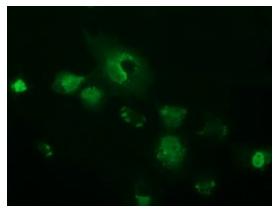
**Synonyms:** C14orf137; OTB2; OTU2

**Protein Families:** Protease

# **Product images:**



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY OTUB2 ([RC209650], 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-OTUB2. Positive lysates [LY402958] (100ug) and [LC402958] (20ug) can be purchased separately from OriGene.



Anti-OTUB2 mouse monoclonal antibody ([TA501944]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY OTUB2 ([RC209650]).