

Product datasheet for **CF801909**

USP44 Mouse Monoclonal Antibody [Clone ID: OTI5C4]

Product data:

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| Product Type: | Primary Antibodies |
| Clone Name: | OTI5C4 |
| Applications: | WB |
| Recommended Dilution: | WB 1:2000 |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Human recombinant protein fragment corresponding to amino acids 420-712 of human USP44 (NP_115523) 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: | 81 kDa |
| Gene Name: | ubiquitin specific peptidase 44 |
| Database Link: | NP_115523 Entrez Gene 84101 Human Q9H0E7 |



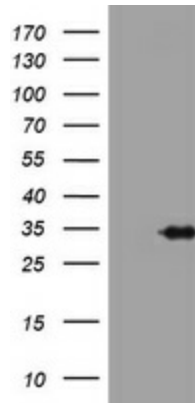
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Background: Modification of cellular proteins by ubiquitin is an essential regulatory mechanism controlled by the coordinated action of multiple ubiquitin-conjugating and deubiquitinating enzymes. USP44 belongs to a large family of cysteine proteases that function as deubiquitinating enzymes (Quesada et al., 2004 [PubMed 14715245]). [supplied by OMIM, Mar 2008]

Synonyms: DKFZp434D0127; FLJ14528

Protein Families: Druggable Genome, Protease

Product images:



E.coli lysate (left lane) and E.coli lysate expressing human recombinant protein fragment corresponding to amino acids 420-712 of human USP44 (NP_115523) were separated by SDS-PAGE and immunoblotted with anti-USP44.