



# USP31 mouse mAb

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| <b>Catalog No</b>                | YP-mAb-12567                                                                                                                                                                                                                                                                                                                                                        |
| <b>Isotype</b>                   | IgG                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Reactivity</b>                | Human; Mouse;Rat                                                                                                                                                                                                                                                                                                                                                    |
| <b>Applications</b>              | WB                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Gene Name</b>                 | USP31 KIAA1203                                                                                                                                                                                                                                                                                                                                                      |
| <b>Protein Name</b>              | USP31                                                                                                                                                                                                                                                                                                                                                               |
| <b>Immunogen</b>                 | Synthesized peptide derived from human USP31                                                                                                                                                                                                                                                                                                                        |
| <b>Specificity</b>               | This antibody detects endogenous levels of USP31 at Human, Mouse,Rat                                                                                                                                                                                                                                                                                                |
| <b>Formulation</b>               | Liquid in PBS containing 50% glycerol, and 0.58% sodium azide.                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>                    | Monoclonal, Mouse,IgG                                                                                                                                                                                                                                                                                                                                               |
| <b>Purification</b>              | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                |
| <b>Dilution</b>                  | WB 1:500-1:2000                                                                                                                                                                                                                                                                                                                                                     |
| <b>Concentration</b>             | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                             |
| <b>Purity</b>                    | ≥90%                                                                                                                                                                                                                                                                                                                                                                |
| <b>Storage Stability</b>         | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                        |
| <b>Synonyms</b>                  | Ubiquitin carboxyl-terminal hydrolase 31 (EC 3.4.19.12) (Deubiquitinating enzyme 31) (Ubiquitin thioesterase 31) (Ubiquitin-specific-processing protease 31)                                                                                                                                                                                                        |
| <b>Observed Band</b>             | 150kD                                                                                                                                                                                                                                                                                                                                                               |
| <b>Cell Pathway</b>              | nucleus,                                                                                                                                                                                                                                                                                                                                                            |
| <b>Tissue Specificity</b>        | Widely expressed.                                                                                                                                                                                                                                                                                                                                                   |
| <b>Function</b>                  | catalytic activity:Ubiquitin C-terminal thioester + H(2)O = ubiquitin + a thiol.,function:May recognize and hydrolyze the peptide bond at the C-terminal Gly of ubiquitin. Involved in the processing of poly-ubiquitin precursors as well as that of ubiquitinated proteins.,similarity:Belongs to the peptidase C19 family.,tissue specificity:Widely expressed., |
| <b>Background</b>                |                                                                                                                                                                                                                                                                                                                                                                     |
| <b>matters needing attention</b> | Avoid repeated freezing and thawing!                                                                                                                                                                                                                                                                                                                                |
| <b>Usage suggestions</b>         | This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.                                                                                                                                                                                                                                   |



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