



# USP24 Monoclonal Antibod

|                                  |   |
|----------------------------------|---|
| <b>Catalog No</b>                | YP-mAb-02831  |
| <b>Isotype</b>                   | IgG   |
| <b>Reactivity</b>                | Human;Mouse   |
| <b>Applications</b>              | WB  |
| <b>Gene Name</b>                 | USP24   |
| <b>Protein Name</b>              | Ubiquitin carboxyl-terminal hydrolase 24  |
| <b>Immunogen</b>                 | The antiserum was produced against synthesized peptide derived from human USP24. AA range:21-70   |
| <b>Specificity</b>               | USP24 Polyclonal Antibody detects endogenous levels of USP24 protein.   |
| <b>Formulation</b>               | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.   |
| <b>Source</b>                    | Monoclonal, Mouse,IgG   |
| <b>Purification</b>              | The antibody was affinity-purified from rabbit 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>                  | USP24; KIAA1057; Ubiquitin carboxyl-terminal hydrolase 24; Deubiquitinating enzyme 24; Ubiquitin thioesterase 24; Ubiquitin-specific-processing protease 24   |
| <b>Observed Band</b>             | 24kD  |
| <b>Cell Pathway</b>              | cytoplasm,  |
| <b>Tissue Specificity</b>        | Brain,Epithelium,Placenta,Platelet,T-cell,  |
| <b>Function</b>                  | catalytic activity:Ubiquitin C-terminal thioester + H(2)O = ubiquitin + a thiol.,function:Involved in the ubiquitin-dependent proteolytic pathway in conjunction with the 26S proteasome.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the peptidase C19 family.,similarity:Contains 1 UBA domain.,                        |
| <b>Background</b>                | Modification of cellular proteins by ubiquitin is an essential regulatory mechanism controlled by the coordinated action of multiple ubiquitin-conjugating and deubiquitinating enzymes. USP24 belongs to a large family of cysteine proteases that function as deubiquitinating enzymes (Quesada et al., 2004 [PubMed 14715245]).[supplied by OMIM, Mar 2008], |
| <b>matters needing attention</b> | Avoid repeated freezing and thawing!  |

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**