



## **USP40 Monoclonal Antibody**

| Catalog No         | BYmab-02836   |
|--------------------|---|
| Isotype            | IgG   |
| Reactivity         | Human;Rat;Mouse;  |
| Applications       | WB  |
| Gene Name          | USP40   |
| Protein Name       | Ubiquitin carboxyl-terminal hydrolase 40  |
| Immunogen          | The antiserum was produced against synthesized peptide derived from human USP40. AA range:1011-1060   |
| Specificity        | USP40 Monoclonal Antibody detects endogenous levels of USP40 protein.   |
| Formulation        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.   |
| Source             | Monoclonal, Mouse,IgG   |
| Purification       | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  |
| Dilution           | WB 1:500-2000   |
| Concentration      | 1 mg/ml   |
| Purity             | ≥90%  |
| Storage Stability  | -20°C/1 year  |
| Synonyms           | USP40; Ubiquitin carboxyl-terminal hydrolase 40; Deubiquitinating enzyme 40; Ubiquitin thioesterase 40; Ubiquitin-specific-processing protease 40   |
| Observed Band      | 140kD   |
| Cell Pathway       | nucleus,cytoplasm,  |
| Tissue Specificity | Broadly expressed.  |
| Function           | catalytic activity:Ubiquitin C-terminal thioester + H(2)O = ubiquitin + a thiol.,function:May be catalytically inactive.,similarity:Belongs to the peptidase C19 family.,tissue specificity:Broadly expressed.,   |
| Background         | Modification of cellular proteins by ubiquitin is an essential regulatory mechanism controlled by the coordinated action of multiple ubiquitin-conjugating and deubiquitinating enzymes. USP40 belongs to a large family of cysteine proteases that function as deubiquitinating enzymes (Quesada et al., 2004 [PubMed 14715245]).[supplied by OMIM, Mar 2008], |
|                    |   |

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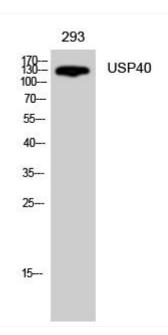
matters needing attention

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**



Western Blot analysis of various cells using USP40 Monoclonal Antibody