



# SENP2 mouse mAb(PRT2320)

|                                  |                                                                                                                                                                                                                                                                                                             |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                | BYab-02379                                                                                                                                                                                                                                                                                                  |
| <b>Isotype</b>                   | IgG                                                                                                                                                                                                                                                                                                         |
| <b>Reactivity</b>                | Human; Mouse;Rat                                                                                                                                                                                                                                                                                            |
| <b>Applications</b>              | WB                                                                                                                                                                                                                                                                                                          |
| <b>Gene Name</b>                 | SENP2 KIAA1331                                                                                                                                                                                                                                                                                              |
| <b>Protein Name</b>              | SENP2                                                                                                                                                                                                                                                                                                       |
| <b>Immunogen</b>                 | Synthesized peptide derived from human SENP2                                                                                                                                                                                                                                                                |
| <b>Specificity</b>               | This antibody detects endogenous levels of human SENP2                                                                                                                                                                                                                                                      |
| <b>Formulation</b>               | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                     |
| <b>Source</b>                    | Monoclonal, Mouse                                                                                                                                                                                                                                                                                           |
| <b>Purification</b>              | The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.                                                                                                                                                                                                  |
| <b>Dilution</b>                  | WB 1:1000-2000                                                                                                                                                                                                                                                                                              |
| <b>Concentration</b>             | 1 mg/ml                                                                                                                                                                                                                                                                                                     |
| <b>Purity</b>                    | ≥90%                                                                                                                                                                                                                                                                                                        |
| <b>Storage Stability</b>         | -20°C/1 year                                                                                                                                                                                                                                                                                                |
| <b>Synonyms</b>                  | Sentrin-specific protease 2 (EC 3.4.22.68) (Axa2) (SMT3-specific isopeptidase 2) (Smt3ip2) (Sentrin/SUMO-specific protease SENP2)                                                                                                                                                                           |
| <b>Observed Band</b>             | 68kD                                                                                                                                                                                                                                                                                                        |
| <b>Cell Pathway</b>              | Nucleus, nuclear pore complex . Nucleus membrane ; Peripheral membrane protein ; Nucleoplasmic side . Cytoplasm . Shuttles between cytoplasm and nucleus. .                                                                                                                                                 |
| <b>Tissue Specificity</b>        |                                                                                                                                                                                                                                                                                                             |
| <b>Function</b>                  |                                                                                                                                                                                                                                                                                                             |
| <b>Background</b>                | SUMO1 (UBL1; MIM 601912) is a small ubiquitin-like protein that can be covalently conjugated to other proteins. SENP2 is one of a group of enzymes that process newly synthesized SUMO1 into the conjugatable form and catalyze the deconjugation of SUMO1-containing species.[supplied by OMIM, Apr 2004], |
| <b>matters needing attention</b> | Avoid repeated freezing and thawing!                                                                                                                                                                                                                                                                        |

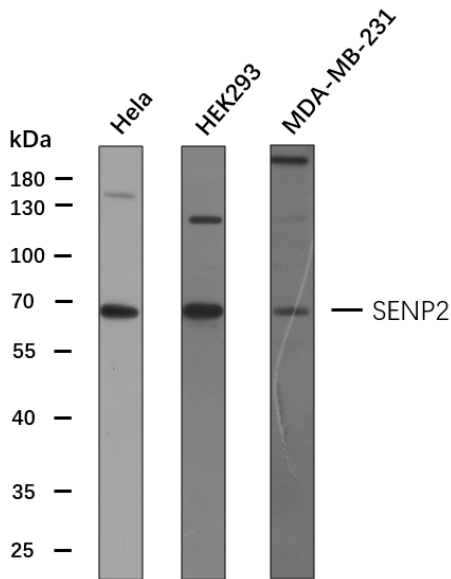
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### Usage suggestions

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

### Products Images



Various whole cell lysates (30ug) were separated by 10% SDS-PAGE, and the membrane was blotted with SENP2 antibody at 1ug/ml. The HRP-conjugated anti-Mouse IgG antibody (Cat:RS0001) was used to detect the antibody. Predicted band size: 68kDa