# DPP7 Monoclonal Antibody

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| **Catalog No** | YP-mAb-04305 |
| **Isotype** | IgG |
| **Reactivity** | Human;Rat;Mouse; |
| **Applications** | WB |
| **Gene Name** | DPP7 |
| **Protein Name** | Dipeptidyl peptidase 2 |
| **Immunogen** | Synthesized peptide derived from the C-terminal region of human DPP7. |
| **Specificity** | DPP7 Monoclonal Antibody detects endogenous levels of DPP7 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 1:500-1:2000 |
| **Concentration** | 1 mg/ml |
| **Purity** | ≥90% |
| **Storage Stability** | -20°C/1 year |
| **Synonyms** | DPP7; DPP2; QPP; Dipeptidyl peptidase 2; Dipeptidyl aminopeptidase II; Dipeptidyl peptidase 7; Dipeptidyl peptidase II; DPP II; Quiescent cell proline dipeptidase |
| **Observed Band** | 54kD |
| **Cell Pathway** | Lysosome . Cytoplasmic vesicle . Secreted . |
| **Tissue Specificity** | Detected in seminal plasma (at protein level). |
| **Function** | catalytic activity:Release of an N-terminal dipeptide, Xaa-Yaa-\|-, preferentially when Yaa is Ala or Pro. Substrates are oligopeptides, preferentially tripeptides.,function:Plays an important role in the degradation of some oligopeptides.,PTM:N-glycosylated.,similarity:Belongs to the peptidase S28 family.,subunit:Homodimer., |
| **Background** | The protein encoded by this gene is a post-proline cleaving aminopeptidase expressed in quiescent lymphocytes. The resting lymphocytes are maintained through suppression of apoptosis, a state which is disrupted by inhibition of this novel serine protease. The enzyme has strong sequence homology with prolylcarboxypeptidase and is active at both acidic and neutral pH. [provided by RefSeq, Jul 2008], |

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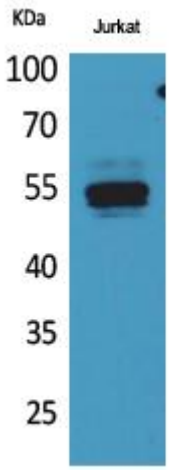
| **matters needing attention** | Avoid repeated freezing and thawing! |
| **Usage suggestions** | This product can be used in immunological reaction related experiments. For more information, please consult technical personnel. |

## Products Images




Western Blot analysis of various cells using DPP7 Monoclonal Antibody