# ADA30 Monoclonal Antibody

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| **Catalog No** | YP-mAb-05283 |
| **Isotype** | IgG |
| **Reactivity** | Human;Rat;Mouse; |
| **Applications** | WB |
| **Gene Name** | ADAM30 UNQ2509/PRO5997 |
| **Protein Name** | Disintegrin and metalloproteinase domain-containing protein 30 (ADAM 30) (EC 3.4.24.-) |
| **Immunogen** | Synthesized peptide derived from human protein . at AA range: 400-480 |
| **Specificity** | ADA30 Monoclonal Antibody detects endogenous levels of protein. |
| **Formulation** | Liquid in PBS containing 50% glycerol, 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** | |
| **Observed Band** | 86kD |
| **Cell Pathway** | Late endosome membrane ; Single-pass type I membrane protein . |
| **Tissue Specificity** | Expressed in brain neurons (at protein level) (PubMed:27333034). Expressed in testis (PubMed:10512762). |
| **Function** | cofactor:Binds 1 zinc ion per subunit.,domain:The conserved cysteine present in the cysteine-switch motif binds the catalytic zinc ion, thus inhibiting the enzyme. The dissociation of the cysteine from the zinc ion upon the activation-peptide release activates the enzyme.,function:May be involved in spermatogenesis and fertilization.,similarity:Contains 1 disintegrin domain.,similarity:Contains 1 EGF-like domain.,similarity:Contains 1 peptidase M12B domain.,tissue specificity:Expressed specifically in testis., |
| **Background** | ADAM metallopeptidase domain 30(ADAM30) Homo sapiens This gene encodes a member of the ADAM (a disintegrin and metalloprotease domain) family. Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biological processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. This gene is testis-specific and contains a polymorphic region, resulting in isoforms with varying numbers of C-terminal repeats. [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