



MMP-23 Monoclonal Antibody

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| Catalog No | YP-mAb-02683 |
| Isotype | IgG |
| Reactivity | Human;Mouse;Rat |
| Applications | WB |
| Gene Name | MMP23A |
| Protein Name | Matrix metalloproteinase-23 |
| Immunogen | The antiserum was produced against synthesized peptide derived from human MMP-23. AA range:341-390 |
| Specificity | MMP-23 Monoclonal Antibody detects endogenous levels of MMP-23 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 | MMP23A; MMP21; MMP23B; MMP21; MMP22; Matrix metalloproteinase-23; MMP-23; Femalysin; MIFR-1; Matrix metalloproteinase-21; MMP-21; Matrix metalloproteinase-22; MMP-22 |
| Observed Band | 44kD |
| Cell Pathway | Endoplasmic reticulum membrane ; Single-pass type II membrane protein . Membrane ; Single-pass type II membrane protein . A secreted form produced by proteolytic cleavage may also exist. . |
| Tissue Specificity | Predominantly expressed in ovary, testis and prostate. |
| Function | cofactor: Binds 1 zinc ion per subunit.,enzyme regulation: Inhibited by TIMP2.,function: Protease.,PTM: N-glycosylated.,PTM: Proteolytic cleavage might yield an active form.,similarity: Belongs to the peptidase M10A family.,similarity: Contains 1 Ig-like C2-type (immunoglobulin-like) domain.,subcellular location: A secreted form produced by proteolytic cleavage seems also to exist.,tissue specificity: Predominantly expressed in ovary, testis and prostate., |
| Background | This gene (MMP23B) encodes a member of the matrix metalloproteinase (MMP) family, and it is part of a duplicated region of chromosome 1p36.3. Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic |



development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. This gene belongs to the more telomeric copy of the duplicated region. [provided by RefSeq, Jul 2008],

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

