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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

MMP2 recombinant monoclonal antibody, clone R06-4H3

Catalog Number: RAB02099

Regulatory Status: For research use only (RUO)

Product Description: Rabbit recombinant monoclonal antibody raised against human MMP2.

Clone Name: R06-4H3

Immunogen: Original antibody is raised against a synthetic peptide corresponding to human MMP2.

Theoretical MW (kDa): Calculated MW: 74 kD

Antibody Species: Rabbit

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Purification: Affinity purification

Isotype: IgG

Recommend Usage: Immunofluorescence(1:50-1:200)
Western Blot (1:500-1:1000)
The optimal working dilution should be determined by the end user.

Storage Buffer: In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction: Store at -20 °C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4313

Gene Symbol: MMP2

Gene Alias: CLG4, CLG4A, MMP-II, MONA, TBE-1

Gene Summary: 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. Most MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. This gene encodes an enzyme which degrades type IV collagen, the major structural component of basement membranes. The enzyme plays a role in endometrial menstrual breakdown, regulation of vascularization and the inflammatory response. Mutations in this gene have been associated with Winchester syndrome and Nodulosis-Arthropathy-Osteolysis (NAO) syndrome. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]