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Produktinformation



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Diagnostik & molekulare Diagnostik



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Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PRG4 monoclonal antibody (M02), clone 1D5

Catalog # : H00010216-M02

規格 : [100 ug]

[List All](#)

Specification

Product Description: Mouse monoclonal antibody raised against a partial recombinant PRG4.

Immunogen: PRG4 (NP_005798, 1305 a.a. ~ 1404 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

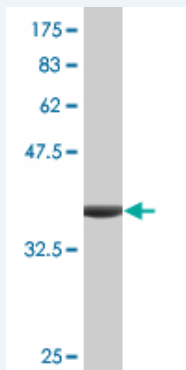
Sequence: ERAIGPSQHTHTIRIQYSPARLAYQDKGVLHNEVKVSILWRGLPNVVTSAISLPNIRKPDGYDYAFSKDQYYNIDVPSRTARAITRSGQTLKVVWYNCP

Host: Mouse

Reactivity: Human

Isotype: IgG2a Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (36.74 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

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

MSDS: [Download](#)

Datasheet: [Download](#)

Applications

Western Blot (Recombinant protein)

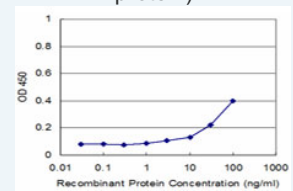
[Protocol Download](#)

Sandwich ELISA (Recombinant protein)

Application Image

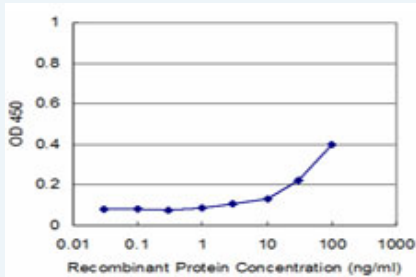
Western Blot (Recombinant protein)

Sandwich ELISA (Recombinant protein)



[enlarge](#)

ELISA



Detection limit for recombinant GST tagged PRG4 is approximately 3ng/ml as a capture antibody.

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [10216](#)

GeneBank [NM_005807](#)

Accession#:

Protein [NP_005798](#)

Accession#:

Gene Name: PRG4

Gene Alias: CACP,FLJ32635,HAPO,JCAP,MSF,SZP,bG174L6.2

Gene Description: proteoglycan 4

Omim ID: [208250](#), [604283](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is a large proteoglycan specifically synthesized by chondrocytes located at the surface of articular cartilage, and also by some synovial lining cells. This protein contains both chondroitin sulfate and keratan sulfate glycosaminoglycans. It functions as a boundary lubricant at the cartilage surface and contributes to the elastic absorption and energy dissipation of synovial fluid. Mutations in this gene result in camptodactyly-arthropathy-coxa vara-pericarditis syndrome. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations: OTTHUMP00000033580,articular superficial zone protein,bG174L6.2 (MSF: megakaryocyte stimulating factor),lubricin,megakaryocyte stimulating factor