



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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Datasheet

COL1A1 recombinant monoclonal antibody

Catalog Number: RAB02583

Regulatory Status: For research use only (RUO)

Product Description: Rabbit recombinant monoclonal antibody raised against human COL1A1.

Immunogen: Original antibody is raised against recombinant protein of human COL1A1.

Theoretical MW (kDa): 160

Antibody Species: Rabbit

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

Specificity: Recognizes endogenous levels of Collagen 1 alpha 1 protein.

Form: Liquid

Purification: Immunogen affinity chromatography

Isotype: IgG

Recommend Usage: Immunocytochemistry
(1:50-1:100)
Immunofluorescence (1:50-1:100)
Immunoprecipitation (1:10-1:50)
Western Blot (1:500-1:1000)

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

Storage Instruction: Store at 4°C short term.
Aliquot and store at -20°C long term.
Avoid freeze-thaw cycles.

Entrez GeneID: 1277

Gene Symbol: COL1A1

Gene Alias: OI4

Gene Summary: This gene encodes the pro-alpha1 chains of type I collagen whose triple helix comprises two alpha1 chains and one alpha2 chain. Type I is a fibril-forming collagen found in most connective tissues and is abundant in bone, cornea, dermis and tendon. Mutations in this gene are associated with osteogenesis imperfecta types I-IV, Ehlers-Danlos syndrome type VIIA, Ehlers-Danlos syndrome Classical type, Caffey Disease and idiopathic osteoporosis. Reciprocal translocations between chromosomes 17 and 22, where this gene and the gene for platelet-derived growth factor beta are located, are associated with a particular type of skin tumor called dermatofibrosarcoma protuberans, resulting from unregulated expression of the growth factor. Two transcripts, resulting from the use of alternate polyadenylation signals, have been identified for this gene. [provided by R. Dalglish]