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 monoclonal antibody (MA01J), clone 3G3 (APC)

**Catalog Number:** H00001277-MA01J

**Regulation Status:** For research use only (RUO)

**Product Description:** APC conjugated mouse monoclonal antibody raised against a partial recombinant COL1A1.
This product is belong to Cell Culture Grade Antibody (CX Grade).

**Clone Name:** 3G3

**Immunogen:** COL1A1 (NP_000079.1, 1021 a.a. ~ 1108 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:**
EGSPGRDGSPGAKGDRGETGPAGPPGAPGAPGAPG
PVGPAGKSGDRGETGPAGPAGPVGPVGARGPAGPQ
GPRGDKGETGEQGDRGIK

**Host:** Mouse

**Interspecies Antigen Sequence:** Mouse (95); Rat (95)

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

**Conjugation:** APC

**Preparation Method:** Cell Culture Production

**Isotype:** IgG3 Kappa

**Storage Buffer:** In 1x PBS, pH 7.4

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

**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. Dalgleish]