

**COL1A1 / Collagen I Alpha 1 Antibody (clone 3G3)**  
**Mouse Monoclonal Antibody**  
**Catalog # ALS14269**

**Specification**

**COL1A1 / Collagen I Alpha 1 Antibody (clone 3G3)**  
**- Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB, IHC                |
| Primary Accession | <a href="#">P02452</a> |
| Reactivity        | Human, Mouse           |
| Host              | Mouse                  |
| Clonality         | Monoclonal             |
| Calculated MW     | 139kDa KDa             |

**COL1A1 / Collagen I Alpha 1 Antibody (clone 3G3)**  
**- Additional Information**

**Gene ID** 1277

**Other Names**

Collagen alpha-1(I) chain, Alpha-1 type I collagen, COL1A1

**Target/Specificity**

Human COL1A1

**Reconstitution & Storage**

Long term: -20°C; Short term: -20°C

**Precautions**

COL1A1 / Collagen I Alpha 1 Antibody (clone 3G3) is for research use only and not for use in diagnostic or therapeutic procedures.

**COL1A1 / Collagen I Alpha 1 Antibody (clone 3G3)**  
**- Protein Information**

**Name** COL1A1

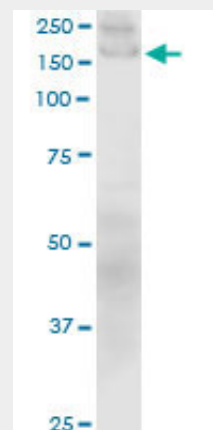
**Function**

Type I collagen is a member of group I collagen (fibrillar forming collagen).

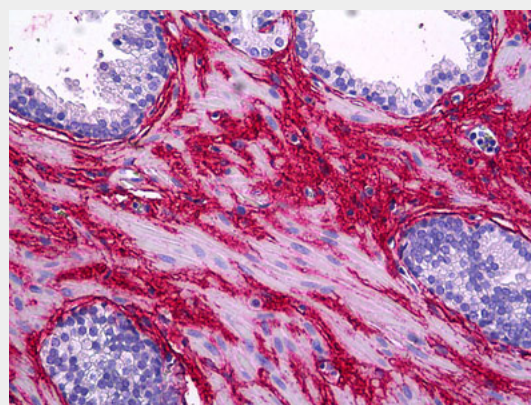
**Cellular Location**

Secreted, extracellular space, extracellular matrix  
{ECO:0000255|PROSITE-ProRule:PRU00793}

**Tissue Location**



COL1A1 monoclonal antibody clone 3G3. Western blot of COL1A1 expression in NIH/3T3.



Anti-COL1A1 antibody IHC of human prostate.

**COL1A1 / Collagen I Alpha 1 Antibody (clone 3G3) - Background**

Type I collagen is a member of group I collagen (fibrillar forming collagen).

**COL1A1 / Collagen I Alpha 1 Antibody (clone 3G3) - References**

Dalgleish R., et al. Submitted (JUL-1996) to the EMBL/GenBank/DDBJ databases.  
Korkko J.M., et al. Am. J. Hum. Genet.

Forms the fibrils of tendon, ligaments and bones. In bones the fibrils are mineralized with calcium hydroxyapatite

**COL1A1 / Collagen I Alpha 1 Antibody  
(clone 3G3) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

62:98-110(1998).

Korkko J.M.,et al.Submitted (MAY-1999) to the EMBL/GenBank/DDBJ databases.

Totoki Y.,et al.Submitted (MAR-2005) to the EMBL/GenBank/DDBJ databases.

D'Alessio M.,et al.Gene 67:105-115(1988).