



EMAR Beijing Emarbio Science & Technology Co.,LTD

## anti- Collagen II Rabbit Polyclonal antibody

Catalog No.	EM51449-01	EM51449-02
Size	50µl	100µl

**Species reactivity:** Human Rat Mouse **Molecular Weight:** 140KD

**Background:** COL2A1 Type II collagen is specific for cartilaginous tissues. It is essential for the normal embryonic development of the skeleton, for linear growth and for the ability of cartilage to resist compressive forces. Belongs to the fibrillar collagen family. Homotrimers of alpha 1(II) chains. 3 isoforms of the human protein are produced by alternative splicing

**All Names:** Alpha-1 type II collagen; ANFH; AOM; cartilage collagen; Chondrocalcin; CO2A1; COL11A3; COL2A1; Collagen alpha-1(II) chain; collagen II, alpha-1 polypeptide; collagen, type II, alpha 1; MGC131516; SEDC

**Immunogen:** A synthesized peptide derived from human Collagen II

**Purification:** Affinity-chromatography

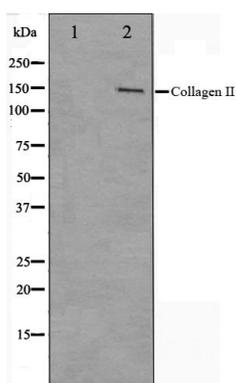
**Application:** WB: 1:500~1:3000 IHC: 1:50~1:200 IF: 1:100~1:500

Optimal dilutions/concentrations should be determined by the end user.

**Form:** Liquid ,1mg/ml

**Storage buffer:** Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Storage:** Store at -20°C. Do not aliquot the antibody.



Western blot analysis on COLO205 cell lysate using Collagen II antibody,  
The lane on the left is treated with the antigen-specific peptide.

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