



# Collagen Type II (ABT-CII) mouse mAb

|                                  |                                                                                                                                                                                                             |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                | YP-Ab-15357                                                                                                                                                                                                 |
| <b>Isotype</b>                   | IgG                                                                                                                                                                                                         |
| <b>Reactivity</b>                | Human                                                                                                                                                                                                       |
| <b>Applications</b>              | IHC-p;IF(paraffin section)                                                                                                                                                                                  |
| <b>Gene Name</b>                 | COL2A1                                                                                                                                                                                                      |
| <b>Protein Name</b>              | Collagen alpha-1(II) chain (Alpha-1 type II collagen) [Cleaved into: Collagen alpha-1(II) chain; Chondrocalcin]                                                                                             |
| <b>Immunogen</b>                 | Synthesized peptide derived from human Collagen Type II                                                                                                                                                     |
| <b>Specificity</b>               | This antibody detects endogenous levels of human Collagen Type II. Heat-induced epitope retrieval (HIER) Citrate buffer of pH6.0/Pepsin was highly recommended as antigen repair method in paraffin section |
| <b>Formulation</b>               | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                     |
| <b>Source</b>                    | Monoclonal, Mouse IgG                                                                                                                                                                                       |
| <b>Purification</b>              | The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.                                                                                                  |
| <b>Dilution</b>                  | IHC-p 1:100-500                                                                                                                                                                                             |
| <b>Concentration</b>             | 1 mg/ml                                                                                                                                                                                                     |
| <b>Purity</b>                    | ≥90%                                                                                                                                                                                                        |
| <b>Storage Stability</b>         | -20°C/1 year                                                                                                                                                                                                |
| <b>Synonyms</b>                  |                                                                                                                                                                                                             |
| <b>Observed Band</b>             |                                                                                                                                                                                                             |
| <b>Cell Pathway</b>              | Secreted, extracellular space, extracellular matrix .                                                                                                                                                       |
| <b>Tissue Specificity</b>        | Isoform 2 is highly expressed in juvenile chondrocyte and low in fetal chondrocyte.                                                                                                                         |
| <b>Function</b>                  |                                                                                                                                                                                                             |
| <b>Background</b>                |                                                                                                                                                                                                             |
| <b>matters needing attention</b> | Avoid repeated freezing and thawing!                                                                                                                                                                        |
| <b>Usage suggestions</b>         | This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.                                                                           |



## Products Images

