

# Product Datasheet

## Collagen II Antibody (3H1-F9) - Azide and BSA Free H00001280-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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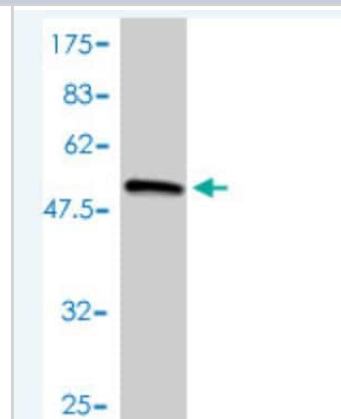
**H00001280-M01**

Collagen II Antibody (3H1-F9) - Azide and BSA Free

| Product Information            |   |
|--------------------------------|---|
| <b>Unit Size</b>               | 0.1 mg  |
| <b>Concentration</b>           | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.  |
| <b>Storage</b>                 | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.  |
| <b>Clonality</b>               | Monoclonal  |
| <b>Clone</b>                   | 3H1-F9  |
| <b>Preservative</b>            | No Preservative   |
| <b>Isotype</b>                 | IgG1 Kappa  |
| <b>Purity</b>                  | IgG purified  |
| <b>Buffer</b>                  | In 1x PBS, pH 7.4   |
| Product Description            |   |
| <b>Description</b>             | Quality control test: Antibody Reactive Against Recombinant Protein.  |
| <b>Host</b>                    | Mouse   |
| <b>Gene ID</b>                 | 1280  |
| <b>Gene Symbol</b>             | COL2A1  |
| <b>Species</b>                 | Human, Bovine   |
| <b>Specificity/Sensitivity</b> | COL2A1 - collagen, type II, alpha 1 (primary osteoarthritis, spondyloepiphyseal dysplasia, congenital)  |
| <b>Immunogen</b>               | COL2A1 (AAH07252, 1 a.a. ~ 268 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.<br>MSAFAGLGPREKGPDPDPLQYMRADQAAGGLRQHDAEVDATLKSLNNQIESIRS<br>PEGSRKNPARTCRDLKLCHPEWKSGDYWIDPNQGCTLDAMKVFCNMETGET<br>CVYPNPANVPKKNWWSSKSKEKKHIWFGETINGGFHFSYGDDNLPNTANVQ<br>MTFLRLLSTEGSQNITYHCKNSIAYLDEAAGNLKALLIQGSNDVEIRAEGNSRF<br>TYTALKDGCTKHTGKWGKTVIEYRSQKTSRLPIIDIAPMDIGGPEQEFQVVDIGPV<br>CFL |
| <b>Notes</b>                   | This product is produced by and distributed for Abnova, a company based in Taiwan.  |
| Product Application Details    |   |
| <b>Applications</b>            | Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin  |
| <b>Recommended Dilutions</b>   | Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen  |
| <b>Application Notes</b>       | Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB. GST tag alone is used as a negative control.  |

## Images

Western Blot: Collagen II Antibody (3H1-F9) [H00001280-M01] -  
Detection against Immunogen (55.22 KDa) .



## Publications

Klee, George G, Vasmatzis, George, Kosari et al. EXTRACELLULAR AND MEMBRANE-ASSOCIATED PROSTATE CANCER MARKERS FreshPatents 2010-02-04 (ELISA, Human)

Jin R, Moreira Teixeira LS, Dijkstra PJ et al. Enzymatically Crosslinked Dextran-Tyramine Hydrogels as Injectable Scaffolds for Cartilage Tissue Engineering. Tissue Eng Part A. 2010-05-22 [PMID: 20214454]

Kunstar A, Otto C, Karperien M et al. Raman Microspectroscopy - A Non-Invasive Analysis Tool For Monitoring Of Collagen-Containing Extracellular Matrix Formation in a Medium-Throughput Culture System. Tissue Eng Part C Methods. 2011-03-16 [PMID: 21410304]

Moreira Teixeira LS, Leijten JC, Wennink JW et al. The effect of platelet lysate supplementation of a dextran-based hydrogel on cartilage formation. Biomaterials. 2012-02-18 [PMID: 22349290]

Jin R, Moreira Teixeira LS, Krouwels A et al. Synthesis and characterization of hyaluronic acid-poly(ethylene glycol) hydrogels via Michael addition: An injectable biomaterial for cartilage repair. Acta Biomater. 2009-12-16 [PMID: 20025999]



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### **Products Related to H00001280-M01**

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|                  |   |
|------------------|---|
| HAF007           | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B          | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-43319-0.5mg | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)           |
| NBP1-97243       | Collagen II Native Protein                              |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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