

Product Datasheet

Collagen II Antibody NB100-91715

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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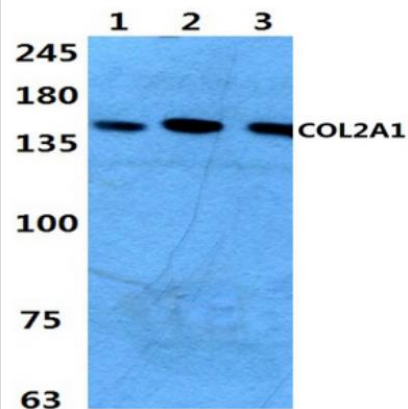
NB100-91715

Collagen II Antibody

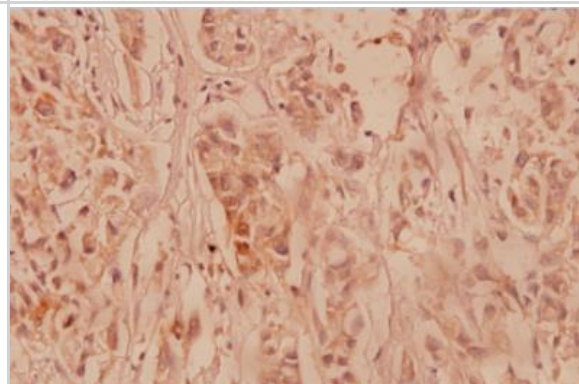
| Product Information | |
|-----------------------------|--|
| Unit Size | 0.1 ml |
| Concentration | 1.0 mg/ml |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.05% Sodium Azide |
| Purity | Immunogen affinity purified |
| Buffer | PBS (pH 7.2) |
| Target Molecular Weight | 140 kDa |
| Product Description | |
| Host | Rabbit |
| Gene ID | 1280 |
| Gene Symbol | COL2A1 |
| Species | Human, Mouse, Rat |
| Specificity/Sensitivity | Collagen II (P133) detects endogenous levels of Collagen II (P133) protein. |
| Immunogen | Synthetic peptide, corresponding to amino acids 101-150 of Human COL2A1. |
| Product Application Details | |
| Applications | Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot 1:500-1:1000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:200, Immunohistochemistry-Frozen 1:10-1:500 |
| Application Notes | Western blot (WB) analysis of Collagen II (P133) pAb in extracts from COLO205 cell. Immunohistochemistry (IHC) analyzes of Collagen II (P133) pAb in paraffin-embedded human breast carcinoma tissue. Use in IHC-frozen sections was reported in scientific literature (PMID: 23762363). |

Images

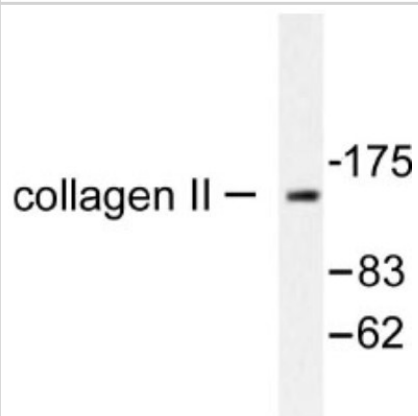
Western Blot: Collagen II Antibody [NB100-91715] - Lane1:Hela whole cell lysate. Lane2:Mouse spleen tissue lysate. Lane3:Rat spleen tissue lysate.



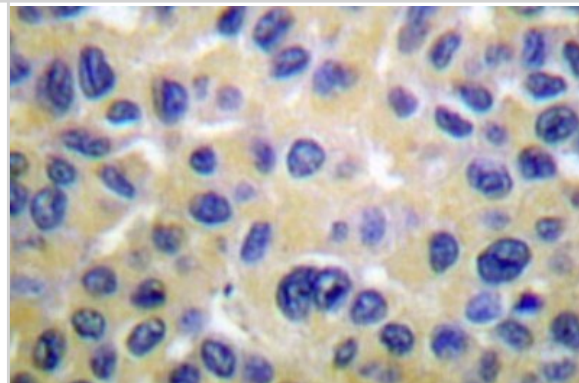
Immunohistochemistry-Paraffin: Collagen II Antibody [NB100-91715] - Human breast carcinoma tissue at 1:100.



Western Blot: Collagen II Antibody [NB100-91715] - Extracts from COLO205 cell.



Immunohistochemistry-Paraffin: Collagen II Antibody [NB100-91715] - Paraffin-embedded human breast carcinoma tissue.



Publications

Kim H, Choi YJ, Lee YS et al. SLIT3 regulates endochondral ossification by b-catenin suppression in chondrocytes. *Biochem. Biophys. Res. Commun.* Dec 2 2018 12:00AM [PMID: 30389141] (WB, Mouse)

Cheng A, Cain SA, Tian P et al. Recombinant Extracellular Matrix Protein fragments Support Human Embryonic Stem Cell Chondrogenesis. *Tissue Eng Part A* 2017 Dec 27 [PMID: 29279011] (Human)

Liu CF, Breidenbach A, Aschbacher-Smith L et al. A Role for Hedgehog Signaling in the Differentiation of the Insertion Site of the Patellar Tendon in the Mouse. *PLoS One* 2013 Jun 10 [PMID: 23762363] (IHC-Fr, ICC/IF, Mouse)





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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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