

# Product Datasheet

## MMP-13 Antibody NBP2-17310

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 2

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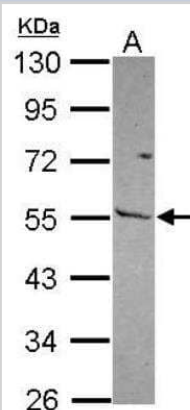
**NBP2-17310****MMP-13 Antibody**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<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>	Polyclonal
<b>Preservative</b>	0.01% Thimerosal
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	0.1M Tris (pH 7), 0.1M Glycine, 10% Glycerol
<b>Target Molecular Weight</b>	54 kDa
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	4322
<b>Gene Symbol</b>	MMP13
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Rat reactivity reported in scientific literature (PMID: 28265573).
<b>Immunogen</b>	Carrier-protein conjugated synthetic peptide encompassing a sequence within the center region of human MMP-13. The exact sequence is proprietary.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000, Immunohistochemistry-Frozen Assay dependent

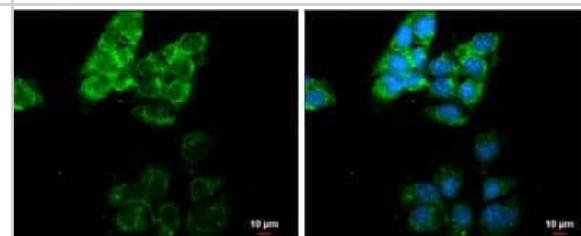


## Images

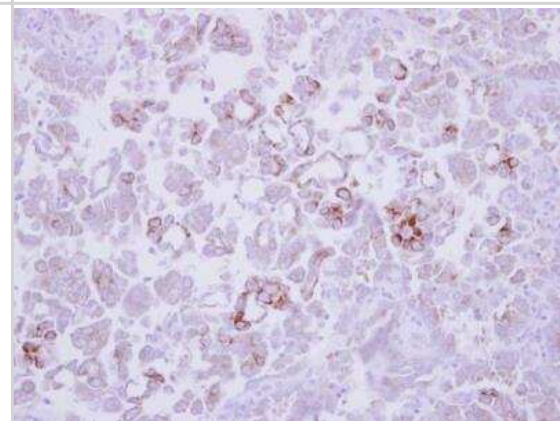
Western Blot: MMP-13 Antibody [NBP2-17310] - Sample (30 ug of whole cell lysate) A: NT2D1 10% SDS PAGE gel, diluted at 1:1000.



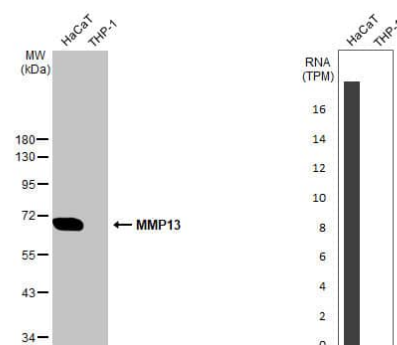
Immunocytochemistry/Immunofluorescence: MMP-13 Antibody [NBP2-17310] - NT2D1 cells were fixed in ice-cold MeOH for 5 min. Green: MMP13 protein stained by MMP13 antibody [N3C1], Internal diluted at 1:500. Blue: Hoechst 33342 staining. Scale bar = 10  $\mu$ m.



Immunohistochemistry-Paraffin: MMP-13 Antibody [NBP2-17310] - Human lung adenocarcinoma, using MMP13 antibody at 1:250 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



Western Blot: MMP-13 Antibody [NBP2-17310] - Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with MMP13 antibody [N3C1], Internal diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.



## Publications

Yu H, Liu Y, Yang X et al. The anti inflammation effect of strontium ranelate on rat chondrocytes with or without IL 1 beta in vitro Experimental and Therapeutic Medicine 2022-01-07 [PMID: 35126711] (WB, ICC/IF, Rat)

Huang W, Ao P, Li J et al. Autophagy protects advanced glycation end product-induced apoptosis and. BioMed Research International. 2017-01-16 [PMID: 28265573] (WB, Rat)





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### **Products Related to NBP2-17310**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
210-TA-005	TNF-alpha [Unconjugated]

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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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