

# Product Datasheet

## MMP-13 Antibody (VIII A2) NB110-5919

Unit Size: 500uL

Store at 4C. Do not freeze.

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### Publications: 3

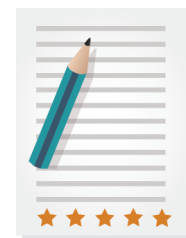
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Updated 10/23/2024 v.20.1

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**NB110-5919****MMP-13 Antibody (VIII A2)**

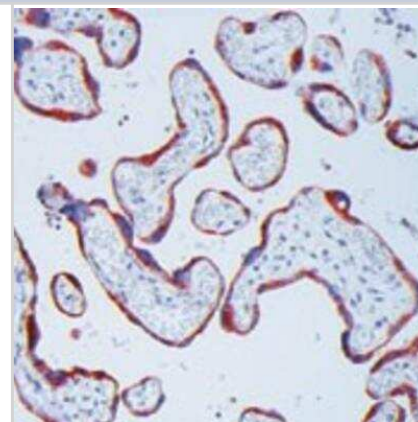
<b>Product Information</b>	
<b>Unit Size</b>	500uL
<b>Concentration</b>	0.4 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	VIIIA2
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS (pH 7.4) and 0.2% BSA

<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	4322
<b>Gene Symbol</b>	MMP13
<b>Species</b>	Human, Mouse, Rat, Rabbit
<b>Reactivity Notes</b>	Rat reactivity reported in scientific literature (see Acta Odontol Scand. 2008). Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
<b>Specificity/Sensitivity</b>	Recognizes pro and active forms of MMP 13.
<b>Immunogen</b>	Human recombinant collagenase-3 protein

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 2 - 4 ug/ml, Immunohistochemistry 1:10 - 1:500, Immunoprecipitation 1:25 - 1:50, Immunohistochemistry-Paraffin 1:12.5 - 1:25

**Images**

Immunohistochemistry-Paraffin: MMP-13 Antibody (VIII A2) [NB110-5919] - Human placenta stained with MMP-13 using peroxidase-conjugate and AEC chromogen. Note cytoplasmic staining of trophoblasts.



## Publications

Katta M, Cumpășu CN, Buculin MJ et al. Clinical, histopathological and immunohistochemical changes of the superficial marginal periodontium caused by orthodontic treatment with fixed metallic orthodontic appliances Romanian Journal of Morphology and Embryology 2022-11-15 [PMID: 36374148] (Immunohistochemistry, Block/Neutralize)

Liu J, Xu Y, Huang Y et al. Collagen membrane loaded with doxycycline through hydroxypropyl chitosan microspheres for the early reconstruction of alkali-burned cornea International journal of biological macromolecules 2023-06-01 [PMID: 37270120] (IHC)

Berceanu C, Mehedintu C, Berceanu S et al. Morphological and ultrasound findings in multiple pregnancy placentation. Rom J Morphol Embryol 2018-09-03 [PMID: 30173248] (IF/IHC, Human)





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### **Products Related to NB110-5919**

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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)
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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