

# Product Datasheet

## MMP-11 Antibody (SN74-08)

### NBP2-67670

Unit Size: 100 ul

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

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#### Publications: 6

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**NBP2-67670**

MMP-11 Antibody (SN74-08)

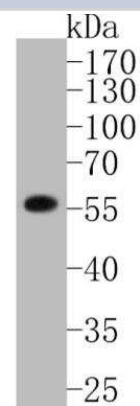
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SN74-08
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	4320
Gene Symbol	MMP11
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human MMP-11 aa 439-488 / 488. (SwissProt: P24347 Human; SwissProt: Q02853 Mouse; SwissProt: Q499S5 Rat)

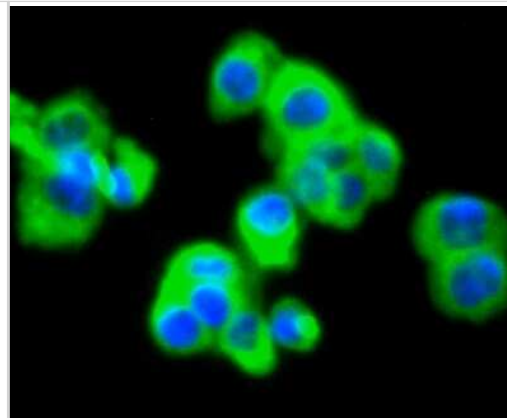
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:1000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:500-1:1000, Immunohistochemistry-Paraffin 1:100-1:500

**Images**

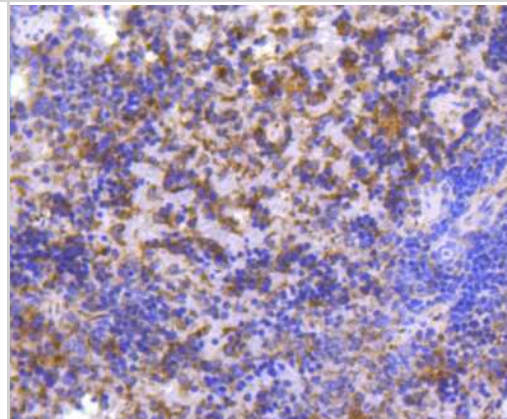
Western Blot: MMP-11 Antibody (SN74-08) [NBP2-67670] - Analysis of MMP11 on 293T cell lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:5,000 dilution was used for 1 hour at room temperature.



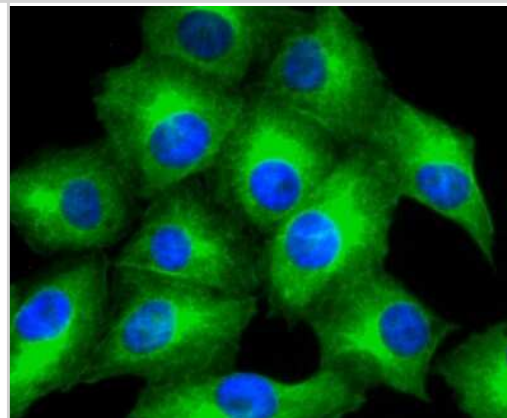
Immunocytochemistry/Immunofluorescence: MMP-11 Antibody (SN74-08) [NBP2-67670] - Staining MMP11 in SW480 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



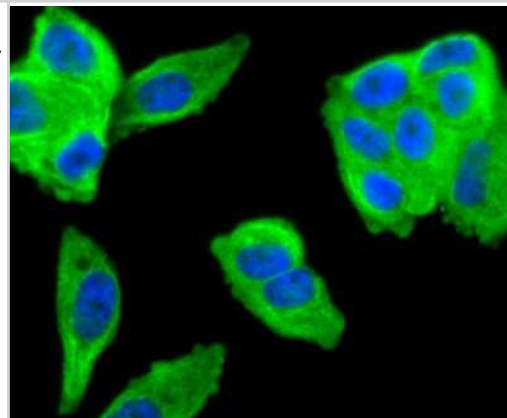
Immunohistochemistry-Paraffin: MMP-11 Antibody (SN74-08) [NBP2-67670] - Analysis of paraffin-embedded mouse spleen tissue using anti-MMP11 antibody. Counter stained with hematoxylin.



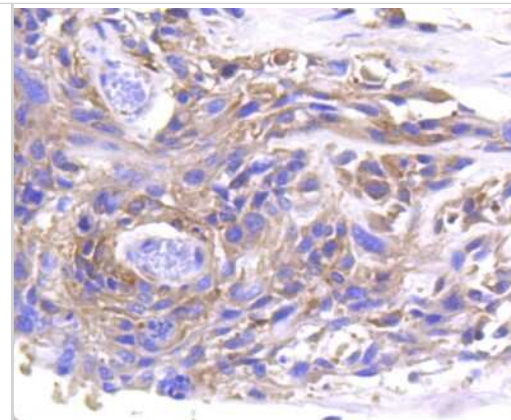
Immunocytochemistry/Immunofluorescence: MMP-11 Antibody (SN74-08) [NBP2-67670] - Staining MMP11 in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



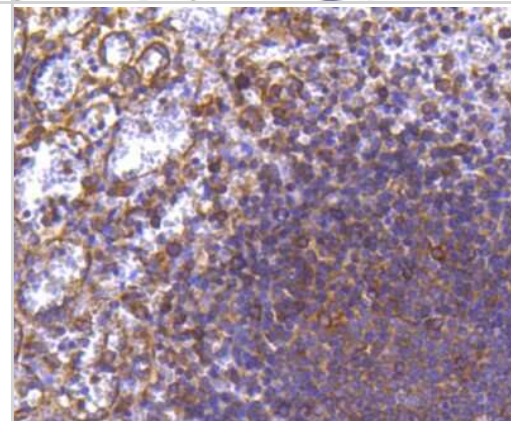
Immunocytochemistry/Immunofluorescence: MMP-11 Antibody (SN74-08) [NBP2-67670] - Staining MMP11 in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunohistochemistry-Paraffin: MMP-11 Antibody (SN74-08) [NBP2-67670] - Analysis of paraffin-embedded human breast carcinoma tissue using anti-MMP11 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: MMP-11 Antibody (SN74-08) [NBP2-67670] - Analysis of paraffin-embedded human spleen tissue using anti-MMP11 antibody. Counter stained with hematoxylin.



## Publications

Jeong Won Lee, Hyein Ahn, Ik Dong Yoo, Sun-pyo Hong, Moo-Jun Baek, Dong Hyun Kang, Sang Mi Lee Relationship of FDG PET/CT imaging features with tumor immune microenvironment and prognosis in colorectal cancer: a retrospective study *Cancer Imaging* 2024-04-16 [PMID: 38627864]

Ahn H, Song GJ, Jang SH et al. Predicting the Recurrence of Gastric Cancer Using the Textural Features of Perigastric Adipose Tissue on [18F]FDG PET/CT *International journal of molecular sciences* 2022-10-09 [PMID: 36233285] (IHC-P, Human)

Ahn H, Song GJ, Jang SH et al. Relationship of FDG PET/CT Textural Features with the Tumor Microenvironment and Recurrence Risks in Patients with Advanced Gastric Cancers *Cancers* 2022-08-15 [PMID: 36010928] (IHC-P, Human)

Kim DJ, Iwasaki A, Chien AL, Kang S UVB-mediated DNA damage induces matrix metalloproteinases to promote photoaging in an AhR- and SP1-dependent manner *JCI insight* 2022-03-22 [PMID: 35316219]

Ahn H, Won Lee J, Jang SH Et al. Prognostic significance of imaging features of peritumoral adipose tissue in FDG PET/CT of patients with colorectal cancer *European journal of radiology* 2021-11-17 [PMID: 34801879] (IHC-P, Human)

Wang Y, Hu S, Yao G, Sun Y Identification of HOXA10 target genes in human endometrial stromal cells by RNA-seq analysis *Acta biochimica et biophysica Sinica* 2021-01-19 [PMID: 33462609] (WB, Mouse)



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### **Products Related to NBP2-67670**

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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
NBP2-49575PEP	MMP-11 Recombinant Protein Antigen

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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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