

Product Datasheet

Periostin/OSF-2 Antibody (CL12090)

NBP3-21207-100ul

Unit Size: 100 ul

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

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Updated 2/27/2025 v.20.1

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NBP3-21207-100ul

Periostin/OSF-2 Antibody (CL12090)

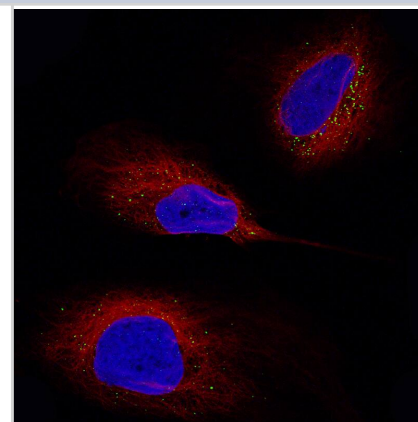
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL12090
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Purity	Protein A purified
Buffer	PBS, pH 7.2, 40% glycerol

Product Description	
Host	Mouse
Gene ID	10631
Gene Symbol	POSTN
Species	Human
Immunogen	This antibody was developed using a synthetic peptide derived from Q15063, with the exact immunogen sequence remaining proprietary.

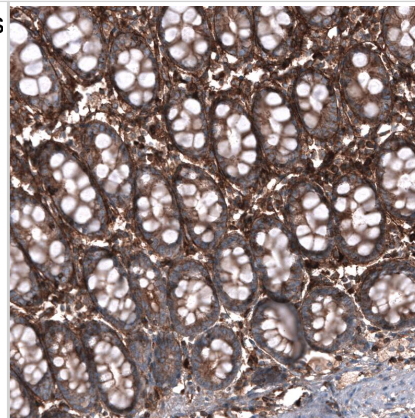
Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	ICC/IF Fixation Permeabilization: Use PFA/Triton X-100. For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

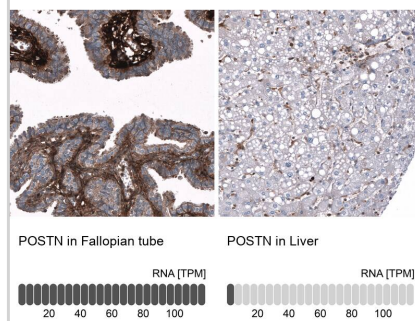
Staining of U-138 cells using the Anti-POSTN monoclonal antibody, showing specific staining in vesicles in green. Microtubule- and nuclear probes are visualized in red and blue, respectively.



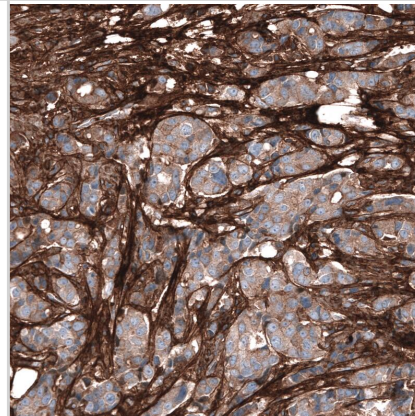
Staining of human colon shows strong positivity in extracellular matrix, as well as moderate positivity in glandular cells.



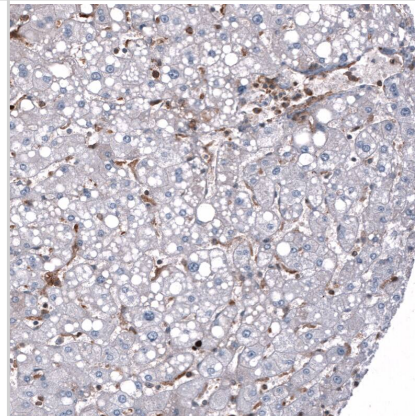
Analysis in human fallopian tube and liver tissues using NBP3-21207 antibody. Corresponding POSTN RNA-seq data are presented for the same tissues.



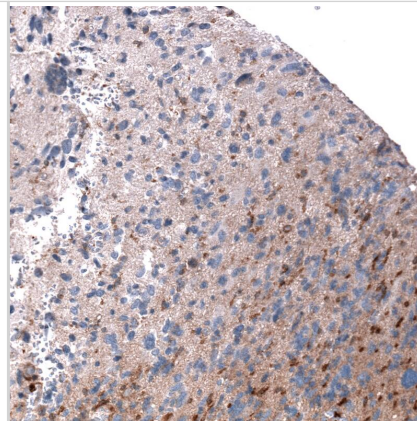
Staining of human breast cancer shows strong positivity in extracellular matrix.



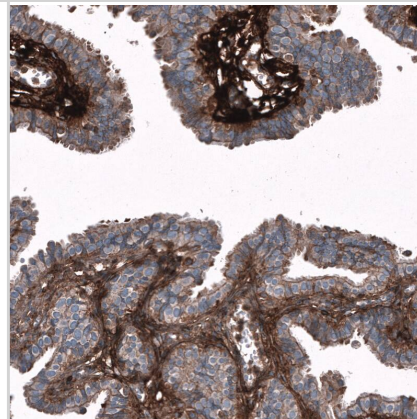
Staining of human liver shows no positivity in hepatocytes as expected.



Staining of human glioblastoma shows moderate to strong positivity.



Staining of human fallopian tube shows strong positivity in extracellular matrix.





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Products Related to NBP3-21207-100ul

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NBP1-82472PEP	Periostin/OSF-2 Recombinant Protein Antigen

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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