

Product Datasheet

Osteopontin/OPN Antibody - BSA Free NBP1-89952

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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Publications: 2

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NBP1-89952

Osteopontin/OPN Antibody - BSA Free

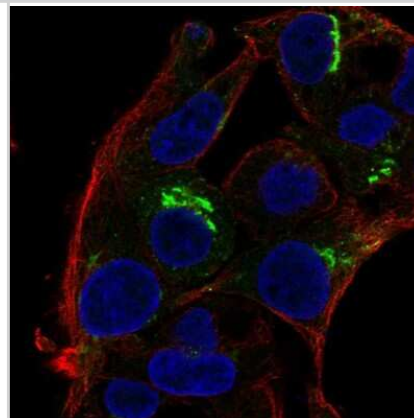
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit Osteopontin/OPN Antibody - BSA Free (NBP1-89952) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Osteopontin/OPN Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	6696
Gene Symbol	SPP1
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: SQDSIDSNDSDDVDDTDDSHQSDSHHSDESEDELVTDFPTDLPATEVFTPVVP TVDTYDGRGDSVVYGLRSKSKKFRRPDIQYPDAT

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation/Permeabilization: PFA/Triton X-100

Images

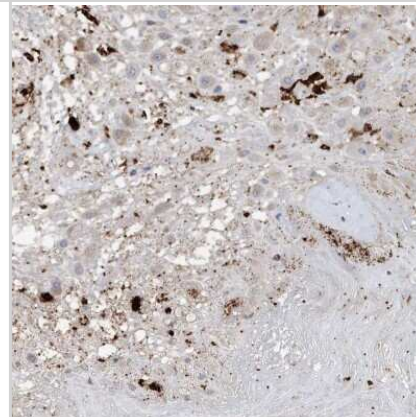
Immunocytochemistry/Immunofluorescence: Osteopontin/OPN Antibody [NBP1-89952] - Staining of human cell line Hep G2 shows localization to the Golgi apparatus. Antibody staining is shown in green.



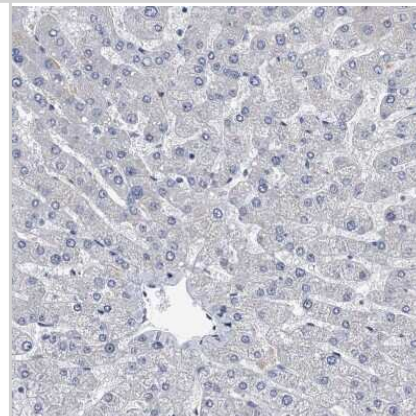
Analysis in human placenta and liver tissues using NBP1-89952 antibody. Corresponding SPP1 RNA-seq data are presented for the same tissues.



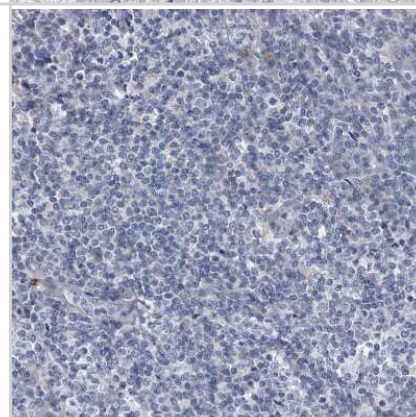
Immunohistochemistry-Paraffin: Osteopontin/OPN Antibody [NBP1-89952] - Staining of human placenta shows high expression.



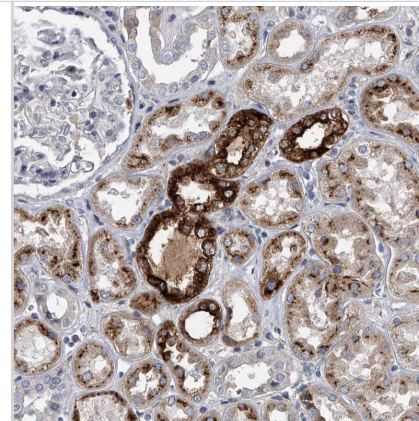
Immunohistochemistry-Paraffin: Osteopontin/OPN Antibody [NBP1-89952] - Staining of human liver shows low positivity in hepatocytes as expected.



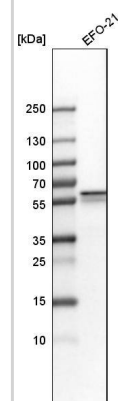
Immunohistochemistry-Paraffin: Osteopontin/OPN Antibody [NBP1-89952] - Staining of human tonsil shows low positivity in non-germinal center cells as expected.



Staining of human kidney shows strong positivity in cytoplasm and secretion in tubules.



Analysis in human cell line EFO-21.



Publications

Pyle C, Wang L, Beerman R et al. Paired single-cell and spatial transcriptional profiling reveals a central osteopontin macrophage response mediating tuberculous granuloma formation mBio 2025-09-01 [PMID: 40772762]

Stadler C, Rexhepaj E, Singan VR et al. Immunofluorescence and fluorescent-protein tagging show high correlation for protein localization in mammalian cells. Nat Methods 2013-04-01 [PMID: 23435261]



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Products Related to NBP1-89952

NBP1-89952PEP	Osteopontin/OPN Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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