

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.

www.novusbio.com



technical@novusbio.com

Publications: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-89952

Updated 9/9/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP1-89952



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	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

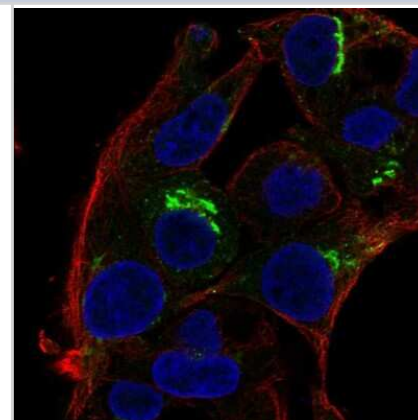
Description	Novus Biologicals Rabbit Osteopontin/OPN Antibody - BSA Free (NBP1-89952) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Osteopontin/OPN Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	6696
Gene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

Product Application Details

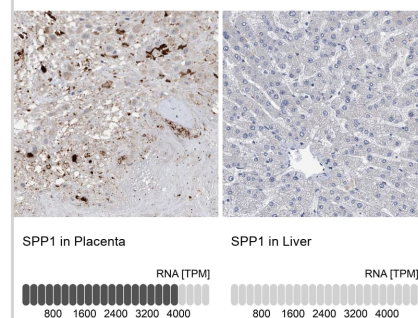
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 -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

Images

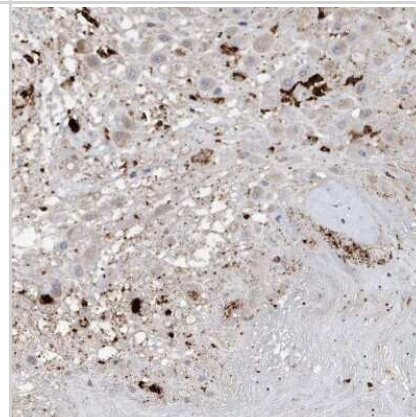
Immunocytochemistry/Immunofluorescence: Osteopontin/OPN Antibody [NBP1-89952] - Staining of human cell line Hep G2 shows localization to the Golgi apparatus. Antibody staining is shown in green.



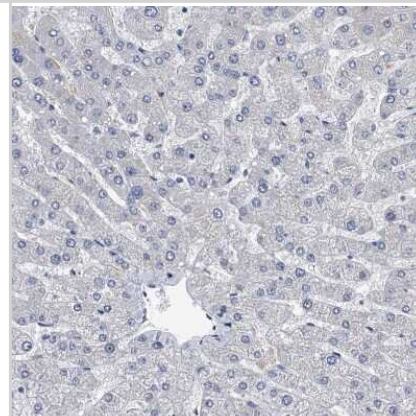
Analysis in human placenta and liver tissues using NBP1-89952 antibody. Corresponding SPP1 RNA-seq data are presented for the same tissues.



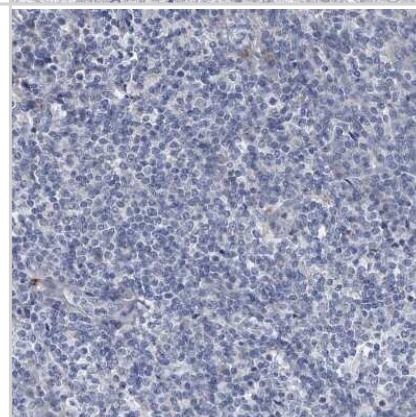
Immunohistochemistry-Paraffin: Osteopontin/OPN Antibody [NBP1-89952] - Staining of human placenta shows high expression.



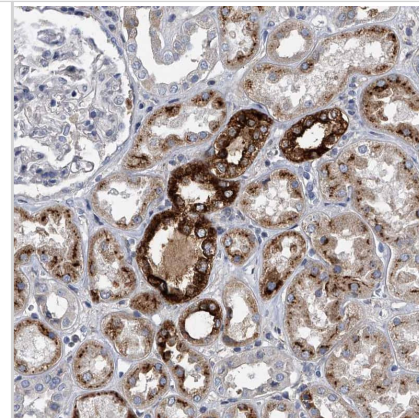
Immunohistochemistry-Paraffin: Osteopontin/OPN Antibody [NBP1-89952] - Staining of human liver shows low positivity in hepatocytes as expected.



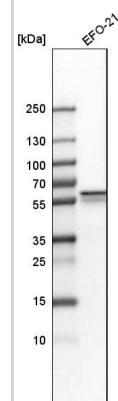
Immunohistochemistry-Paraffin: Osteopontin/OPN Antibody [NBP1-89952] - Staining of human tonsil shows low positivity in non-germinal center cells as expected.



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]



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-89952

NBP1-89952PEP	Osteopontin/OPN Recombinant Protein Antigen
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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-89952

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

