

Product Datasheet

Osteopontin/OPN Antibody (1B20) - Azide and BSA Free NBP2-80895

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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NBP2-80895

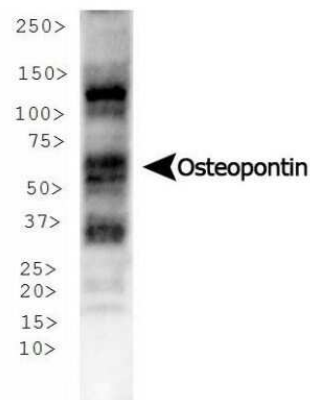
Osteopontin/OPN Antibody (1B20) - Azide and BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1B20
Preservative	No Preservative
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Product Description	
Host	Mouse
Gene ID	6696
Gene Symbol	SPP1
Species	Human, Mouse, Rat, Rabbit
Immunogen	Synthetic peptide corresponding to the C-terminus of human Osteopontin [Swiss-Prot# P10451].
Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000, Simple Western 1:20, Immunohistochemistry 1:100, Immunocytochemistry/ Immunofluorescence 1:50, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:100, Immunohistochemistry-Frozen reported in scientific literature (PMID 24269728)
Application Notes	<p>In Western blot multiple bands can be seen due to glycosylation and phosphorylation of the protein.</p> <p>In Simple Western only 10 - 15 uL of the recommended dilution is used per data point.</p> <p>See Simple Western Antibody Database for Simple Western validation: antibody dilution of 1:20. Separated by Size-Wes, Sally Sue/Peggy Sue.</p>

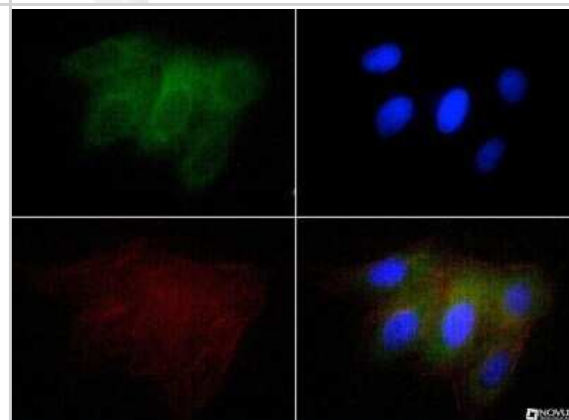


Images

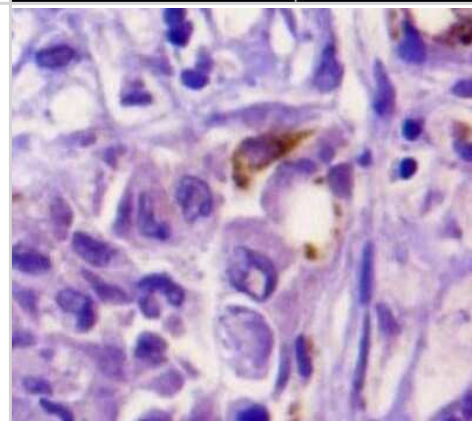
Western Blot: Osteopontin/OPN Antibody (1B20) - Azide and BSA Free [NBP2-80895] - Analysis of Osteopontin expression in U2OS whole cell lysate. Image from the standard format of this antibody.



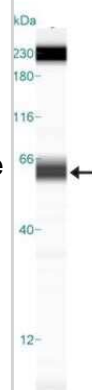
Immunocytochemistry/Immunofluorescence: Osteopontin/OPN Antibody (1B20) - Azide and BSA Free [NBP2-80895] - Osteopontin antibody was tested at 1:50 in U2OS cells with FITC (green). Nuclei and actin were counterstained with Dapi (blue) and Phalloidin (red). Image from the standard format of this antibody.



Immunohistochemistry: Osteopontin/OPN Antibody (1B20) - Azide and BSA Free [NBP2-80895] - Analysis of Osteopontin on human lung adenocarcinoma. Image from the standard format of this antibody.



Simple Western: Osteopontin/OPN Antibody (1B20) - Azide and BSA Free [NBP2-80895] - Simple Western lane view shows a specific band for Osteopontin in 0.5 mg/ml of Human Breast Cancer lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system. * Non-specific interaction with the 230 kDa Simple Western standard may be seen with this antibody Image from the standard format of this antibody.





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Products Related to NBP2-80895

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NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NB600-1043PEP	Osteopontin/OPN Antibody Blocking Peptide

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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