

# Product Datasheet

## Osteopontin/OPN Antibody (OTI5E4) NBP2-45954

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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**NBP2-45954**

Osteopontin/OPN Antibody (OTI5E4)

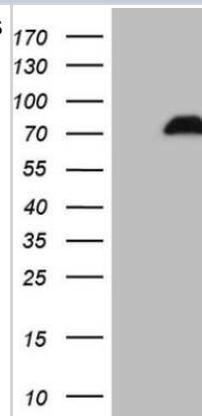
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI5E4
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	33.7 kDa

Product Description	
Host	Mouse
Gene ID	6696
Gene Symbol	SPP1
Species	Human
Immunogen	Human recombinant protein fragment corresponding to amino acids 17-314 of human SPP1(NP_001035147) produced in E.coli.

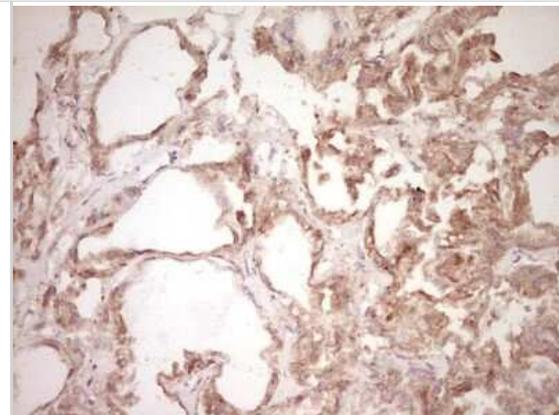
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:2000, Immunohistochemistry 1:150, Immunohistochemistry-Paraffin 1:150

**Images**

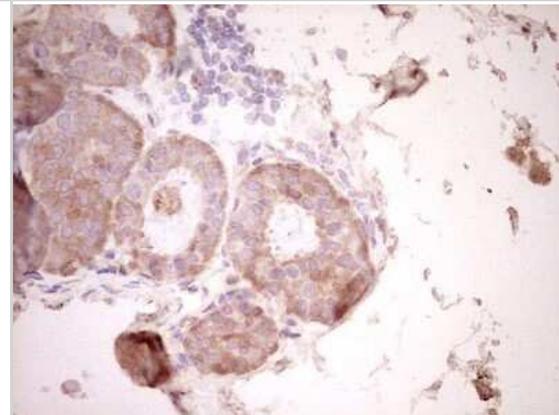
Western Blot: Osteopontin/OPN Antibody (5E4) [NBP2-45954] - Analysis of HEK293T cells were transiently transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Osteopontin.



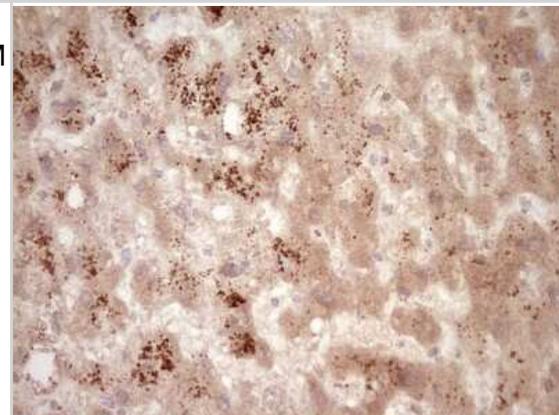
Immunohistochemistry: Osteopontin/OPN Antibody (5E4) [NBP2-45954]  
- Analysis of Carcinoma of Human prostate tissue using SPP1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120C for 3min)



Immunohistochemistry: Osteopontin/OPN Antibody (5E4) [NBP2-45954]  
- Analysis of Adenocarcinoma of Human breast tissue. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120C for 3min)



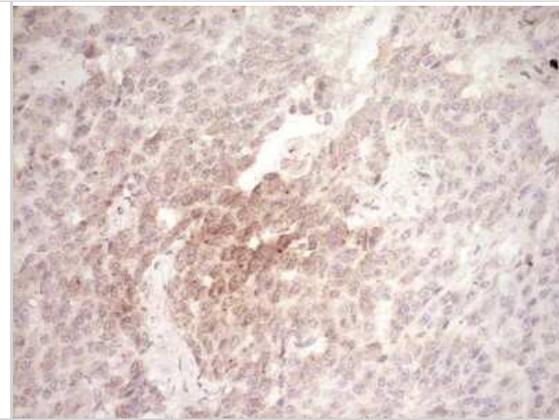
Immunohistochemistry: Osteopontin/OPN Antibody (5E4) [NBP2-45954]  
- Analysis of Human liver tissue. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120C for 3min)



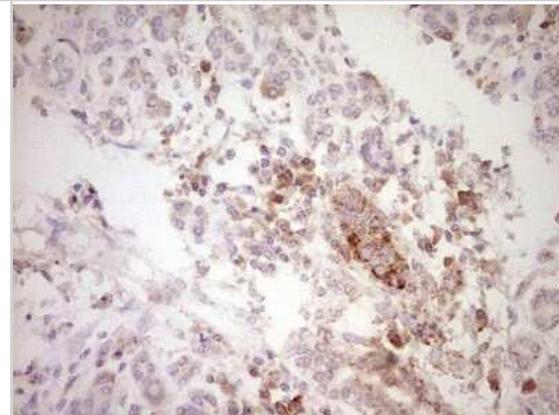
Immunohistochemistry: Osteopontin/OPN Antibody (5E4) [NBP2-45954]  
- Analysis of Human lung tissue. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120C for 3min)



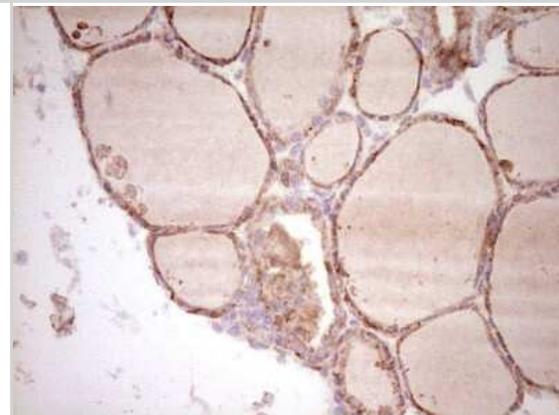
Immunohistochemistry: Osteopontin/OPN Antibody (5E4) [NBP2-45954]  
- Analysis of Carcinoma of Human lung tissue. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120C for 3min)



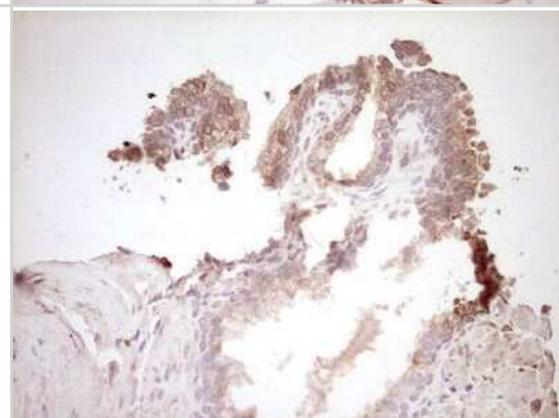
Immunohistochemistry: Osteopontin/OPN Antibody (5E4) [NBP2-45954]  
- Analysis of Carcinoma of Human pancreas tissue. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120C for 3min)



Immunohistochemistry: Osteopontin/OPN Antibody (5E4) [NBP2-45954]  
- Analysis of Human thyroid tissue. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120C for 3min)



Immunohistochemistry: Osteopontin/OPN Antibody (5E4) [NBP2-45954]  
- Analysis of Human prostate tissue. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120C for 3min)





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### **Products Related to NBP2-45954**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
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

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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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