

Product Datasheet

HMGB1/HMG-1 Antibody (19N10B7) - Azide and BSA Free NBP2-27395

Unit Size: 0.1 mg

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

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NBP2-27395

HMGB1/HMG-1 Antibody (19N10B7) - Azide and BSA Free

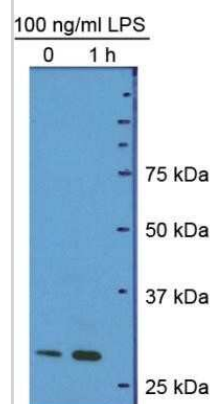
Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	19N10B7
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	Protein G purified
Buffer	PBS

Product Description	
Host	Mouse
Gene ID	3146
Gene Symbol	HMGB1
Species	Human, Mouse
Reactivity Notes	Based upon immunogen sequence similarity, this antibody is predicted to react with Rat (99%), Bovine (99%), Porcine/Pig (99%), Chinese Hamster (99%), Chicken (91%), Canine/Dog (100%), Primate/Monkey (100%) and Equine/Horse (100%).
Specificity/Sensitivity	This antibody recognizes both A box domain (amino acids 9-79) and full length HMGB1 protein.
Immunogen	Full-length recombinant human HMGB1 protein

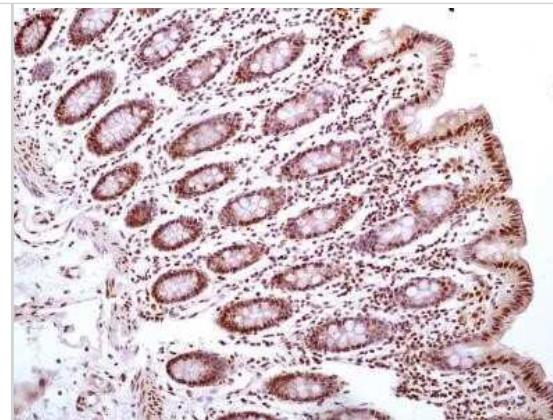
Product Application Details	
Applications	Western Blot, Simple Western, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Western Blot 1-3ug/ml~, Simple Western, Flow Cytometry 1ul/1 million cells, Immunohistochemistry 5 ug/ml, Immunohistochemistry-Paraffin 5ug/ml~, CyTOF-ready

Images

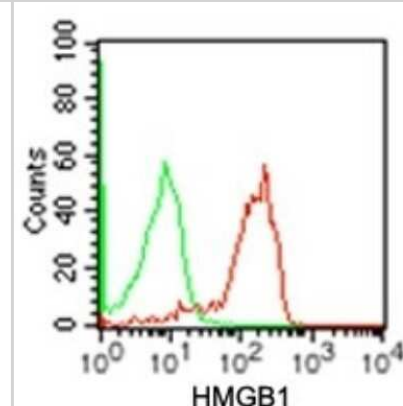
Western Blot: HMGB1/HMG-1 Antibody (19N10B7) - Azide Free [NBP2-27395] - Hepatocyte protein lysate at 1:1000 4C overnight. Image from verified customer review.



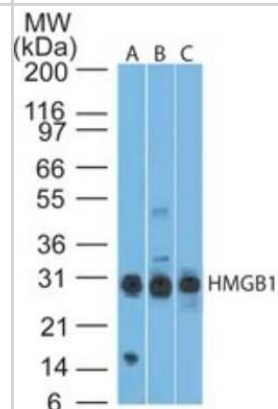
Immunohistochemistry-Paraffin: HMGB1/HMG-1 Antibody (19N10B7) - Azide Free [NBP2-27395] - IHC-P detection of HMGB1 protein in a formalin-fixed paraffin-embedded tissue section of normal human colon using HMGB1 antibody (clone 19N10B7) at 5 ug/ml concentration. Representative image shows specific HMGB1 nuclear positivity in different mucosal cells of the colon. Image using the standard format of this product.



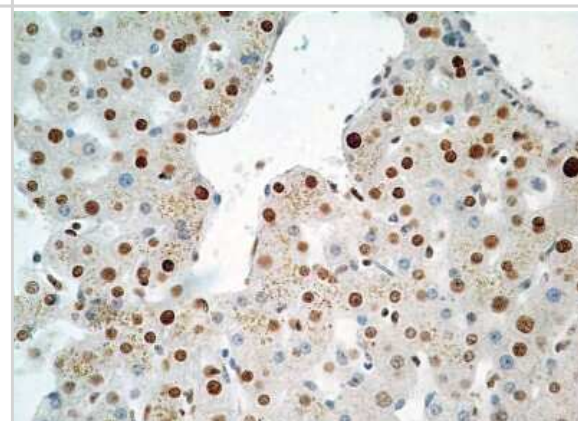
Flow Cytometry: HMGB1/HMG-1 Antibody (19N10B7) - Azide Free [NBP2-27395] - Intracellular analysis using HMGB1 antibody. Human Jurkat cells were probed using 0.5 ug of HMGB1 antibody (red) and 0.5 ug of isotype control antibody (green). this antibody was used for this test.



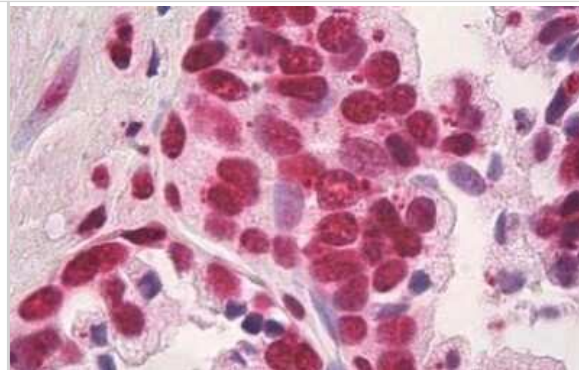
Western Blot: HMGB1/HMG-1 Antibody (19N10B7) - Azide Free [NBP2-27395] - analysis using HMGB1 antibody. A) Full-length human HMGB1 protein, B) human Jurkat cell lysate and C) mouse NIH 3T3 cell lysate were probed with HMGB1 antibody at 2 ug/ml. goat anti-mouse Ig HRP secondary antibody and PicoTect ECL substrate solution were used for this test.



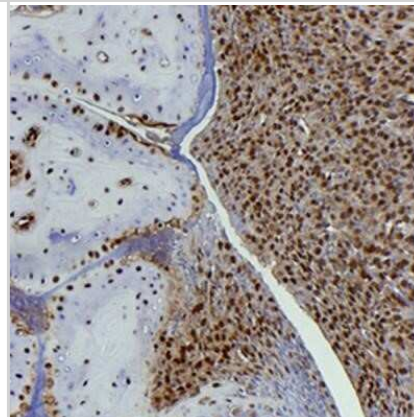
Immunohistochemistry-Paraffin: HMGB1/HMG-1 Antibody (19N10B7) - Azide Free [NBP2-27395] - Formalin-fixed, paraffin-embedded human liver tissue stained with HMGB1 antibody (5 ug/ml), peroxidase-conjugate and DAB chromogen. Staining of formalin-fixed tissues is enhanced by boiling tissue sections in 10 mM sodium citrate buffer, pH 6.0 for 10-20 min followed by cooling at RT for 20 min.



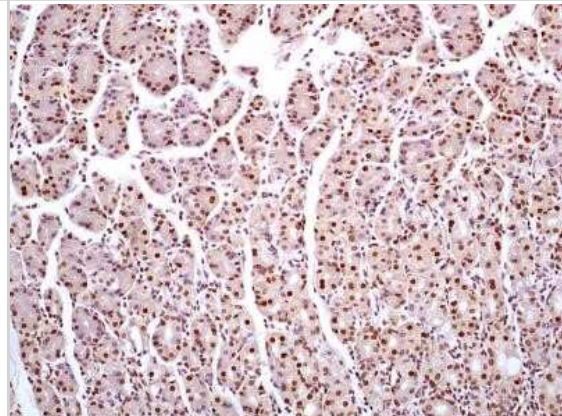
Immunohistochemistry-Paraffin: HMGB1/HMG-1 Antibody (19N10B7) - Azide Free [NBP2-27395] - Formalin-fixed, paraffin-embedded human prostate tissue stained with HMGB1 antibody at 10 ug/ml. Staining of formalin-fixed tissues is enhanced by boiling tissue sections in 10 mM sodium citrate buffer, pH 6.0 for 10-20 min followed by cooling at RT for 20 min.



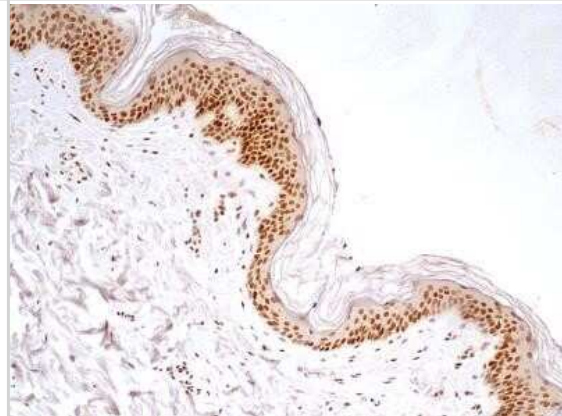
Immunohistochemistry-Paraffin: HMGB1/HMG-1 Antibody (19N10B7) - Azide Free [NBP2-27395] - Analysis using Azide/BSA FREE version of NBP2-27395. IHC-P analysis of formalin-fixed, decalcified, paraffin embedded tissue section from the paws of mouse (collagen-induced arthritis model) using HMGB1 antibody (clone 19N10B7) at 5 ug/ml concentration. [Image courtesy of Dr Ulf Andersson, Karolinska Institute].



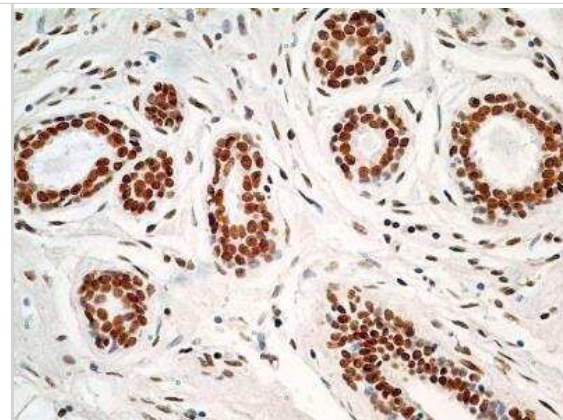
Immunohistochemistry-Paraffin: HMGB1/HMG-1 Antibody (19N10B7) - Azide Free [NBP2-27395] - IHC-P detection of HMGB1 protein in a formalin-fixed paraffin-embedded tissue section of human stomach using HMGB1 antibody (clone 19N10B7) at 5 ug/ml concentration. Distinct nuclear staining of HMGB1 was observed in different cells of the glandular stomach.



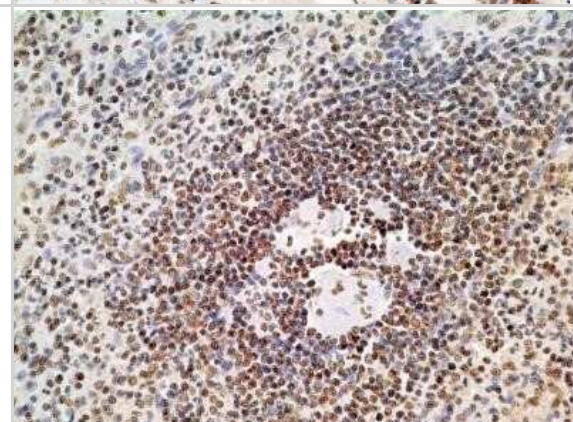
Immunohistochemistry-Paraffin: HMGB1/HMG-1 Antibody (19N10B7) - Azide Free [NBP2-27395] - IHC-P detection of HMGB1 protein in a formalin-fixed paraffin-embedded tissue section of normal human skin using HMGB1 antibody (clone 19N10B7) at 5 ug/ml concentration. The various cells of the epidermal layer showed intense nuclear staining along with weak cytoplasmic staining. The blood vessels, glandular cells and the other cells in dermal layer also showed nuclear positivity for HMGB1 immunostaining.



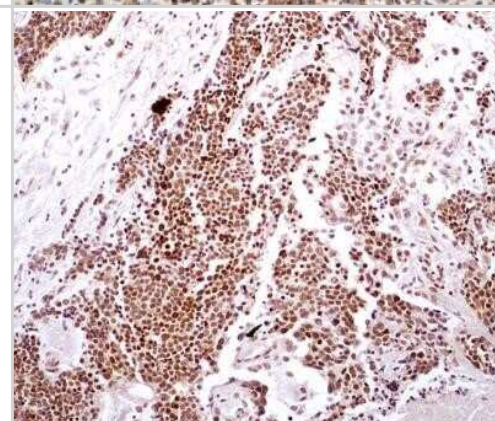
Immunohistochemistry: HMGB1/HMG-1 Antibody (19N10B7) - Azide Free [NBP2-27395] - Formalin-fixed, paraffin-embedded human breast stained with HMGB1 antibody at 5 ug/ml.



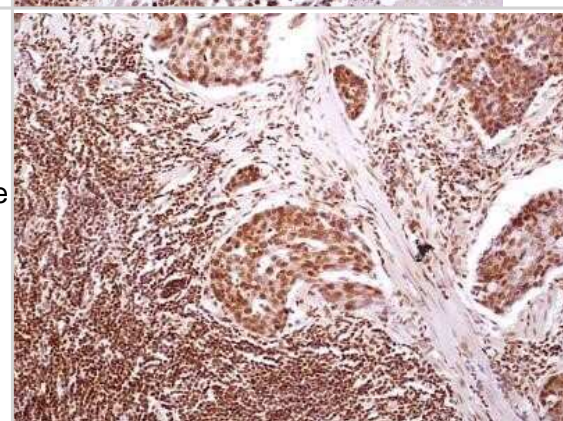
Immunohistochemistry-Paraffin: HMGB1/HMG-1 Antibody (19N10B7) - Azide Free [NBP2-27395] - Formalin-fixed, paraffin-embedded human spleen tissue stained with HMGB1 antibody (5 ug/ml), peroxidase-conjugate and DAB chromogen. Staining of formalin-fixed tissues is enhanced by boiling tissue sections in 10 mM sodium citrate buffer, pH 6.0 for 10-20 min followed by cooling at RT for 20 min. Image using the standard format of this product.



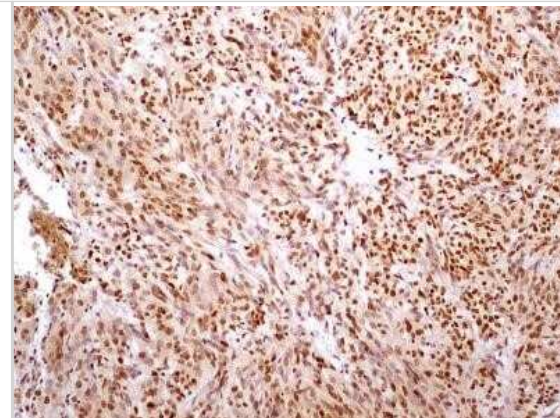
Immunohistochemistry-Paraffin: HMGB1/HMG-1 Antibody (19N10B7) - Azide Free [NBP2-27395] - IHC-P detection of HMGB1 protein in a formalin-fixed paraffin-embedded tissue section of human bladder cancer using HMGB1 antibody (clone 19N10B7) at 5 ug/ml concentration. Strong nuclear HMGB1 immunopositivity was observed in the bladder cancer cells whereas the staining was weak in cells of tumor stroma. Image using the standard format of this product.



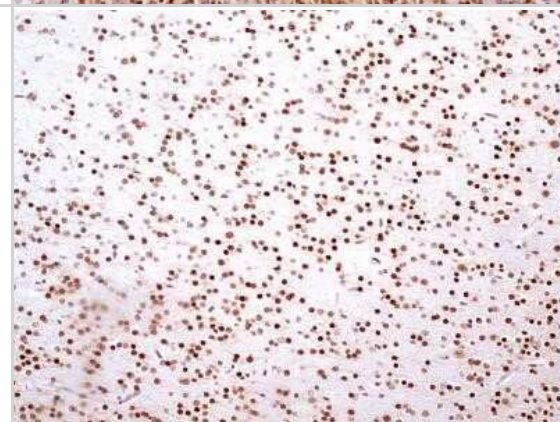
Immunohistochemistry-Paraffin: HMGB1/HMG-1 Antibody (19N10B7) - Azide Free [NBP2-27395] - IHC-P detection of HMGB1 protein in a formalin-fixed paraffin-embedded tissue section of human stomach cancer using HMGB1 antibody (clone 19N10B7) at 5 ug/ml concentration. This representative image shows a distinct nuclear HMGB1 immunopositivity in the cancerous and sub-mucosal cells. Image using the standard format of this product.



Immunohistochemistry-Paraffin: HMGB1/HMG-1 Antibody (19N10B7) - Azide Free [NBP2-27395] - IHC-P detection of HMGB1 protein in a formalin-fixed paraffin-embedded tissue section of malignant stromal tumor of small bowel from human using HMGB1 antibody (clone 19N10B7) at 5 ug/ml concentration. HMGB1 immunopositivity of differential intensity was observed in the cells of tested section. Image using the standard format of this product.



Immunohistochemistry-Paraffin: HMGB1/HMG-1 Antibody (19N10B7) - Azide Free [NBP2-27395] - IHC-P detection of HMGB1 protein in a formalin-fixed paraffin-embedded tissue section of normal human brain using HMGB1 antibody (clone 19N10B7) at 5 ug/ml concentration. Representative image shows a distinct nuclear immunostaining of HMGB1 in the various brain cells. Image using the standard format of this product.



Simple Western: HMGB1/HMG-1 Antibody (19N10B7) - Azide Free [NBP2-27395] - Simple Western lane view shows a specific band for HMGB1 in 1.0 mg/ml of HeLa lysate. This experiment was performed under reducing conditions using the 12-230kDa separation system.





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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
NBP2-27395APC	HMGB1/HMG-1 Antibody (19N10B7) [Allophycocyanin]

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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