

Product Datasheet

HMGB1/HMG-1 Antibody - BSA Free NBP2-41264

Unit Size: 0.1 mg

Store at 4C.

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NBP2-41264

HMGB1/HMG-1 Antibody - BSA Free

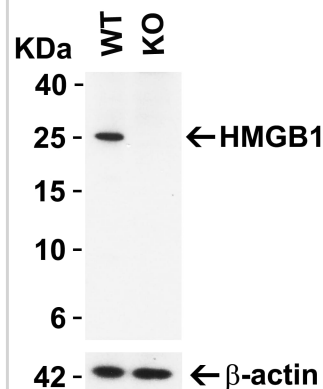
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS
Target Molecular Weight	24 kDa

Product Description	
Host	Rabbit
Gene ID	3146
Gene Symbol	HMGB1
Species	Human, Mouse, Rat
Immunogen	Antibody was raised against a 19 amino acid peptide near the center of human HMGB1. The immunogen is located within amino acids 70 - 120 of HMGB1. Amino Acid Sequence: KGETKKKFKDPNAPKRPPS

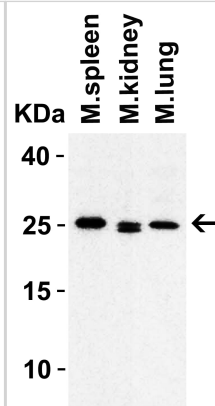
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1 ug/mL, ELISA, Immunohistochemistry 1-2 ug/mL, Immunocytochemistry/ Immunofluorescence 20ug/mL, Immunohistochemistry-Paraffin

Images

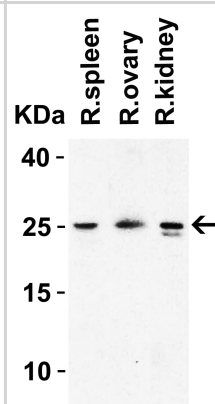
Western Blot: HMGB1/HMG-1 Antibody - BSA Free [NBP2-41264] - KO Validation in HeLa Cells. Loading: 10 u of HeLa WT cell lysates or HMGB1/HMG-1 KO cell lysates. Antibodies: HMGB1/HMG-1 (0.5 u/mL) and beta-actin (1 u/mL), 1 h incubation at RT in 5% NFDN/TBST. Secondary: Goat Anti-Rabbit IgG HRP conjugate at 1:10000 dilution.



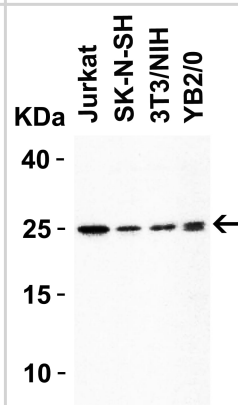
Western Blot: HMGB1/HMG-1 Antibody - BSA Free [NBP2-41264] - Validation in Mouse Tissues. Loading: 15 ul of lysate Antibodies: HMGB1/HMG-1, 1 ug/mL, 1h incubation at RT in 5% NFDN/TBST. Secondary: Goat Anti-Rabbit IgG HRP conjugate at 1:10000 dilution.



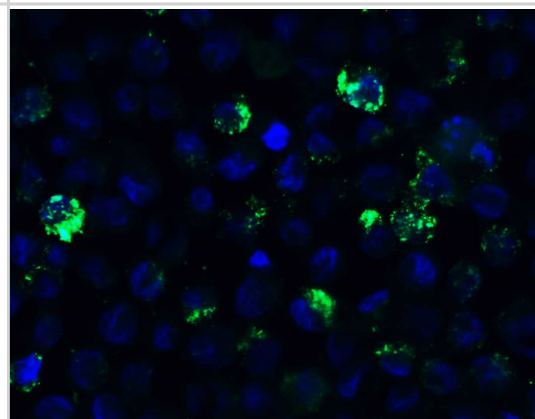
Western Blot: HMGB1/HMG-1 Antibody - BSA Free [NBP2-41264] - Validation in Rat Tissues. Loading: 15 ug of lysate Antibodies: HMGB1/HMG-1, 1 u/mL, 1 h incubation at RT in 5% NFDN/TBST. Secondary: Goat Anti-Rabbit IgG HRP conjugate at 1:10000 dilution.



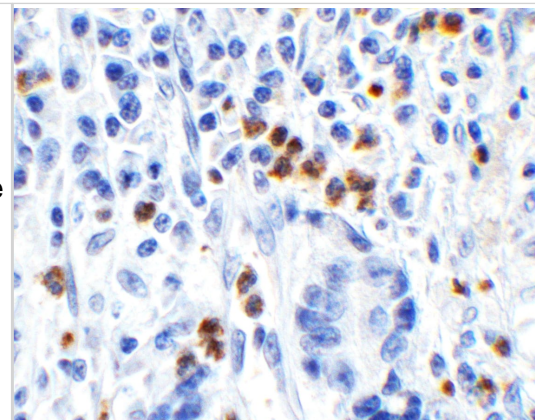
Western Blot: HMGB1/HMG-1 Antibody - BSA Free [NBP2-41264] - Validation in Human, Mouse and Rat Cell Lines. Loading: 15 ug of lysate Antibodies: HMGB1/HMG-1, 1 u/mL, 1 h incubation at RT in 5% NFDN/TBST. Secondary: Goat Anti-Rabbit IgG HRP conjugate at 1:10000 dilution.



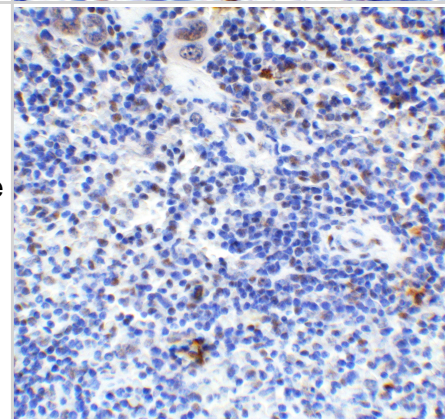
Immunocytochemistry/ Immunofluorescence: HMGB1/HMG-1 Antibody - BSA Free [NBP2-41264] - Validation of HMGB1/HMG-1 in HL60 Cells. Immunofluorescent analysis of 4% paraformaldehyde-fixed HL60 cells labeling HMGB1/HMG-1 at 20 ug/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (green) and DAPI antibody (blue).



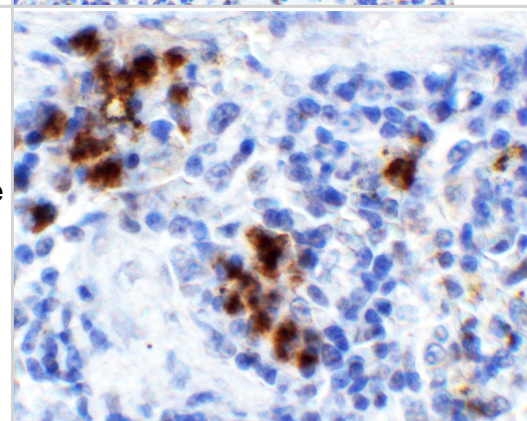
Immunohistochemistry: HMGB1/HMG-1 Antibody - BSA Free [NBP2-41264] - Validation of HMGB1/HMG-1 in Human Stomach Tissue. Immunohistochemical analysis of paraffin-embedded human stomach tissue using anti-HMGB1/HMG-1 antibody at 1 ug/ml. Tissue was fixed with formaldehyde and blocked with 10% serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4C. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin.



Immunohistochemistry: HMGB1/HMG-1 Antibody - BSA Free [NBP2-41264] - Validation of HMGB1/HMG-1 in Mouse Spleen Tissue. Immunohistochemical analysis of paraffin-embedded mouse spleen tissue using anti-HMGB1/HMG-1 antibody at 2 ug/ml. Tissue was fixed with formaldehyde and blocked with 10% serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4C. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin.



Immunohistochemistry: HMGB1/HMG-1 Antibody - BSA Free [NBP2-41264] - Validation of HMGB1/HMG-1 in Rat Spleen Tissue. Immunohistochemical analysis of paraffin-embedded rat spleen tissue using anti-HMGB1/HMG-1 antibody at 1 ul/ml. Tissue was fixed with formaldehyde and blocked with 10% serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4C. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin.





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Products Related to NBP2-41264

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NB100-2322PEP	HMGB1/HMG-1 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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