

Product Datasheet

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

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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NBP2-41264

HMGB1/HMG-1 Antibody - BSA Free

Product Information

Unit Size	0.1 mg
Concentration	1 mg/ml
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	Peptide affinity purified
Buffer	PBS
Target Molecular Weight	24 kDa

Product Description

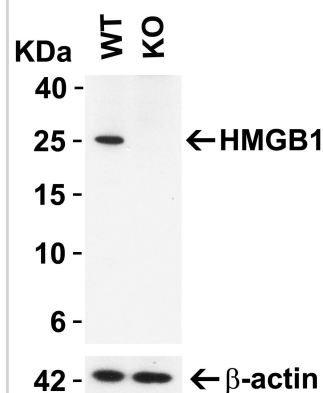
Description	Novus Biologicals Rabbit HMGB1/HMG-1 Antibody - BSA Free (NBP2-41264) is a polyclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3146
Gene Symbol	HMGB1
Species	Human, Mouse, Rat
Immunogen	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

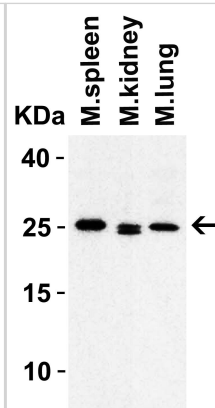
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1 ug/mL, ELISA, Immunohistochemistry 1-2 ug/mL, Immunocytochemistry/ Immunofluorescence 20ug/mL, Immunohistochemistry-Paraffin

Images

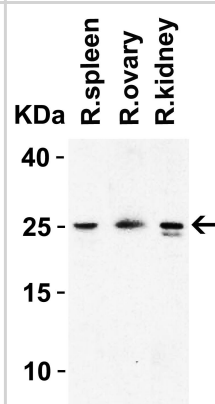
Western Blot: HMGB1/HMG-1 Antibody - BSA Free [NBP2-41264] - KO Validation in HeLa Cells. Loading: 10 u of HeLa WT cell lysates or HMGB1/HMG-1 KO cell lysates. Antibodies: HMGB1/HMG-1 (0.5 u/mL) and beta-actin (1 u/mL), 1 h incubation at RT in 5% NFDM/TBST. Secondary: Goat Anti-Rabbit IgG HRP conjugate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



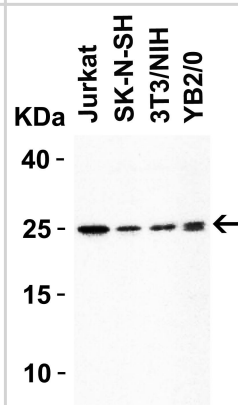
Western Blot: HMGB1/HMG-1 Antibody - BSA Free [NBP2-41264] - Validation in Mouse Tissues. Loading: 15 μ l of lysate Antibodies: HMGB1/HMG-1, 1 μ g/mL, 1h incubation at RT in 5% NFDm/TBST. Secondary: Goat Anti-Rabbit IgG HRP conjugate at 1:10000 dilution.



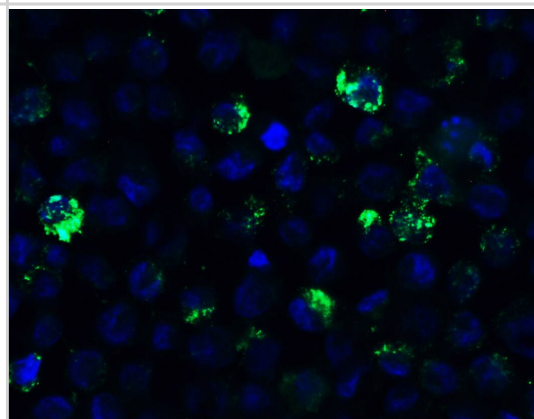
Western Blot: HMGB1/HMG-1 Antibody - BSA Free [NBP2-41264] - Validation in Rat Tissues. Loading: 15 μ g of lysate Antibodies: HMGB1/HMG-1, 1 μ g/mL, 1 h incubation at RT in 5% NFDm/TBST. Secondary: Goat Anti-Rabbit IgG HRP conjugate at 1:10000 dilution.



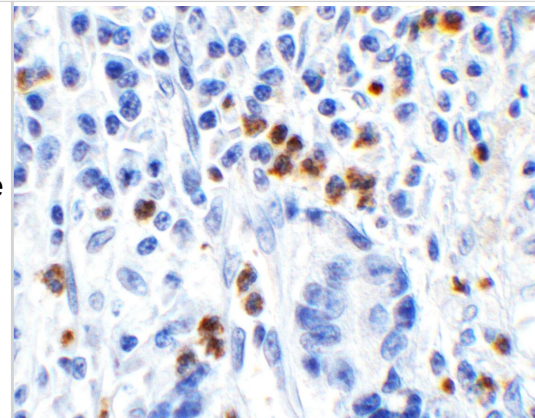
Western Blot: HMGB1/HMG-1 Antibody - BSA Free [NBP2-41264] - Validation in Human, Mouse and Rat Cell Lines. Loading: 15 μ g of lysate Antibodies: HMGB1/HMG-1, 1 μ g/mL, 1 h incubation at RT in 5% NFDm/TBST. Secondary: Goat Anti-Rabbit IgG HRP conjugate at 1:10000 dilution.



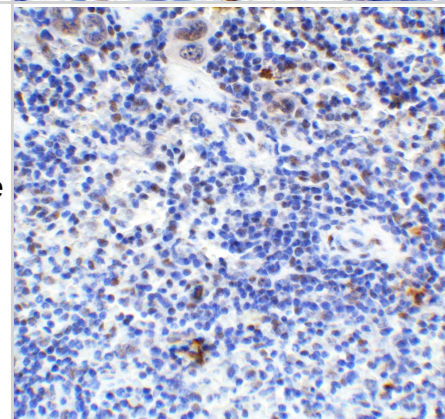
Immunocytochemistry/ Immunofluorescence: HMGB1/HMG-1 Antibody - BSA Free [NBP2-41264] - Validation of HMGB1/HMG-1 in HL60 Cells. Immunofluorescent analysis of 4% paraformaldehyde-fixed HL60 cells labeling HMGB1/HMG-1 at 20 μ g/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution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



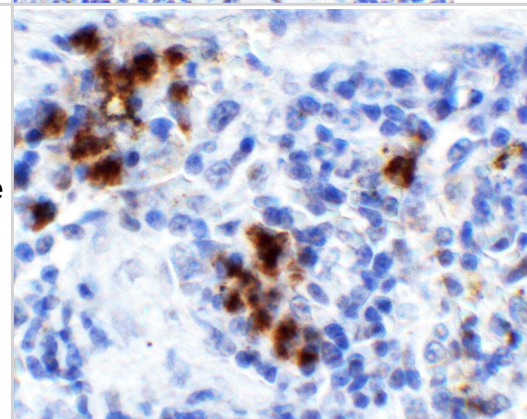
Immunohistochemistry: HMGB1/HMG-1 Antibody - BSA Free [NBP2-41264] - Validation of HMGB1/HMG-1 in Human Stomach Tissue. Immunohistochemical analysis of paraffin-embedded human stomach tissue using anti-HMGB1/HMG-1 antibody at 1 ug/ml. Tissue was fixed with formaldehyde and blocked with 10% serum for 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.





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 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
NBP2-34960-10ug	Recombinant Human HMGB1/HMG-1 His (C-Term) Protein

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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