

Product Datasheet

HMGB1/HMG-1 Antibody (1C4T5) NBP3-15755-100ul

Unit Size: 100 ul

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

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NBP3-15755-100ul**HMGB1/HMG-1 Antibody (1C4T5)****Product Information**

Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1C4T5
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, 0.05% BSA, 50% glycerol, pH7.3

Product Description

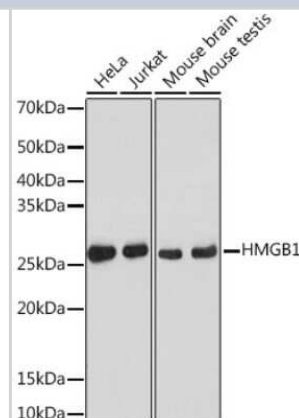
Host	Rabbit
Gene ID	3146
Gene Symbol	HMGB1
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human HMGB1/HMG-1 (P09429). SAFFLFCSEYRPKIKGEHPGLSIGDVAKKLGEWNNNTAADDKQPYEKKAALKK EKYEKDIAAYRAKGKPDAAKKGVVKAESKSKKKKEEEDEEDEDEDEDEE

Product Application Details

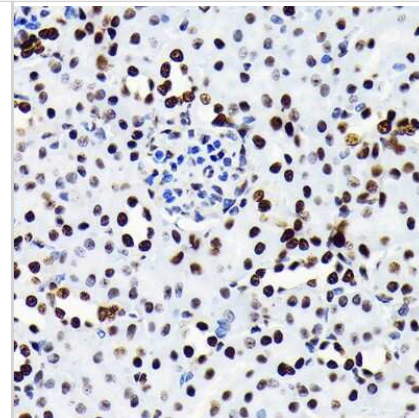
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockout Validated
Recommended Dilutions	Western Blot 1:500 - 1:2000, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin, Knockout Validated

Images

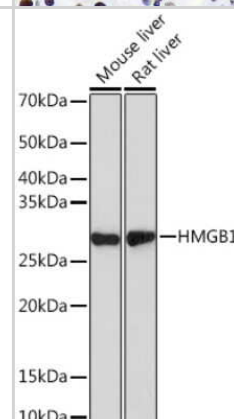
Western Blot: HMGB1/HMG-1 Antibody (1C4T5) [NBP3-15755] - Western blot analysis of extracts of various cell lines, using HMGB1/HMG-1 antibody (NBP3-15755) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 5s.



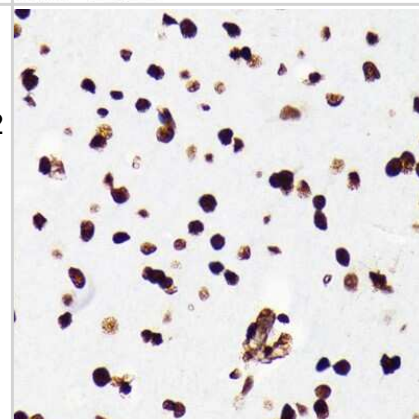
Immunohistochemistry-Paraffin: HMGB1/HMG-1 Antibody (1C4T5) [NBP3-15755] - Immunohistochemistry of paraffin-embedded Mouse kidney using HMGB1/HMG-1 antibody (NBP3-15755) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



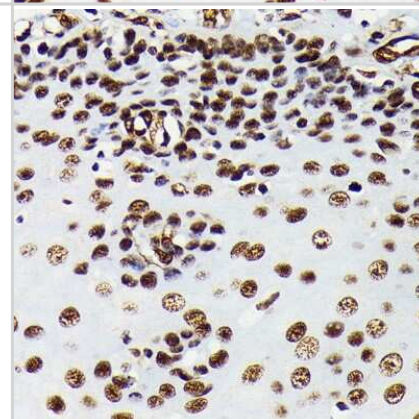
Western Blot: HMGB1/HMG-1 Antibody (1C4T5) [NBP3-15755] - Western blot analysis of extracts of various cell lines, using HMGB1/HMG-1 antibody (NBP3-15755) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



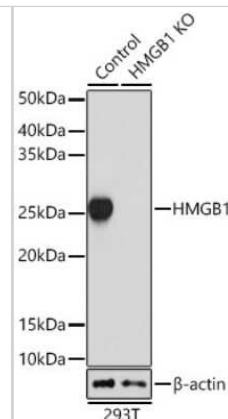
Immunohistochemistry-Paraffin: HMGB1/HMG-1 Antibody (1C4T5) [NBP3-15755] - Immunohistochemistry of paraffin-embedded Rat brain using HMGB1/HMG-1 antibody (NBP3-15755) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



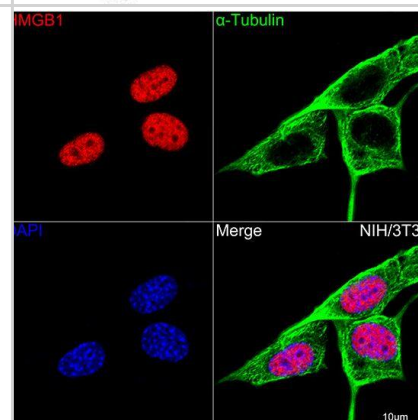
Immunohistochemistry-Paraffin: HMGB1/HMG-1 Antibody (1C4T5) [NBP3-15755] - Immunohistochemistry of paraffin-embedded Human esophagus using HMGB1/HMG-1 antibody (NBP3-15755) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Knockout Validated: HMGB1/HMG-1 Antibody (1C4T5) [NBP3-15755] - Western blot analysis of extracts from normal (control) and HMGB1/HMG-1 knockout (KO) 293T cells, using HMGB1/HMG-1 antibody (NBP3-15755) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 5s.



Immunocytochemistry/Immunofluorescence: HMGB1/HMG-1 Antibody (1C4T5) [NBP3-15755] - Confocal imaging of NIH-3T3 cells using [KO Validated] HMGB1 Rabbit mAb (dilution 1:100) (Red). The cells were counterstained with alpha-Tubulin Mouse mAb (dilution 1:400) (Green). DAPI was used for nuclear staining (blue). Objective: 100x.





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Products Related to NBP3-15755-100ul

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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