

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 (pH 7.3), 50% glycerol, 0.05% BSA

Product Description

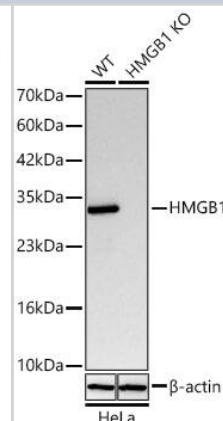
Host	Rabbit
Gene ID	3146
Gene Symbol	HMGB1
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human HMGB1/HMG-1 (P09429). SAFFLFCSEYRPKIKGEHPGLSIGDVAKKLGEMWNNTAADDKQPYEKKAALKK EKYEKDIAAYRAKGKPDAAKKGVVKAESKSKKKKEEEEEDEEDEDEEEEE

Product Application Details

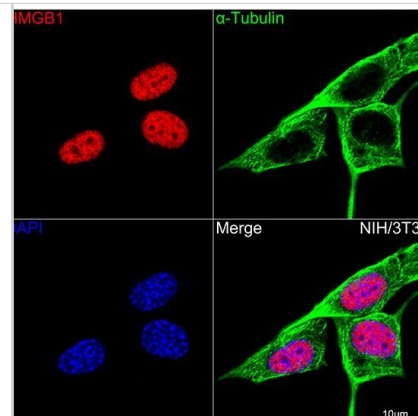
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockout Validated
Recommended Dilutions	Western Blot 1:500 - 1:2000, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin,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

Images

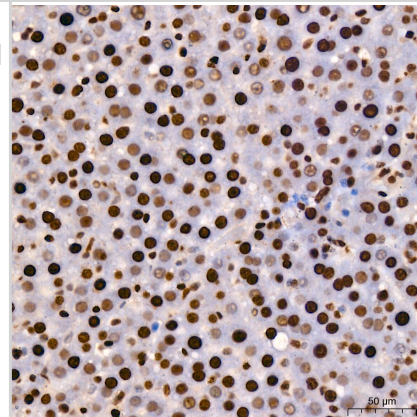
Western Blot: HMGB1/HMG-1 Antibody (1C4T5) [HMGB1/HMG-1] - Western blot analysis of lysates from wild type (WT) and HMGB1/HMG-1 knockout (KO) HeLa cells using [KO Validated] HMGB1/HMG-1 Rabbit mAb at 1:6000 dilution incubated overnight at 4C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25 ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit . Exposure time: 0.5s.



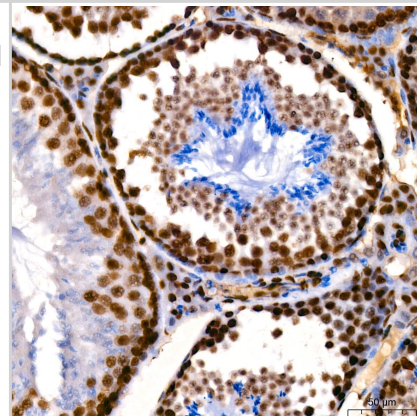
Immunocytochemistry/Immunofluorescence: HMGB1/HMG-1 Antibody (1C4T5) [NBP3-15755] - Confocal imaging of NIH-3T3 cells using [KO Validated] HMGB1 Rabbit mAb (dilution 1:100) (Red). The cells were counterstained with alpha-Tubulin Mouse mAb (dilution 1:400) (Green). DAPI was used for nuclear staining (blue).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



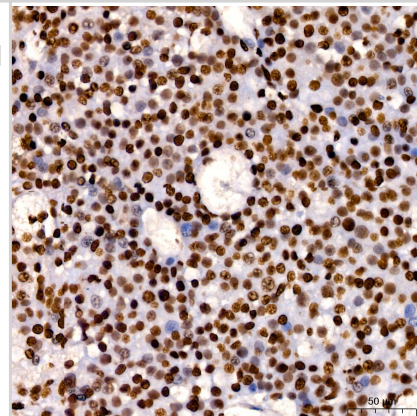
Immunohistochemistry: HMGB1/HMG-1 Antibody (1C4T5) [HMGB1/HMG-1] - Immunohistochemistry analysis of paraffin-embedded Rat liver using [KO Validated] HMGB1/HMG-1 Rabbit mAb at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



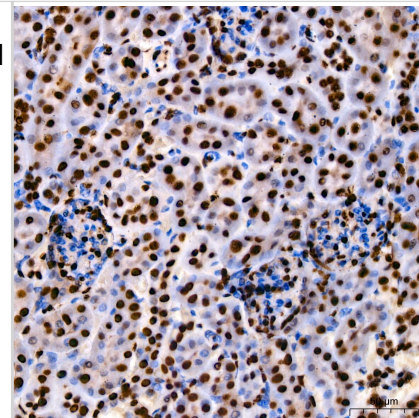
Immunohistochemistry: HMGB1/HMG-1 Antibody (1C4T5) [HMGB1/HMG-1] - Immunohistochemistry analysis of paraffin-embedded Mouse testis using [KO Validated] HMGB1/HMG-1 Rabbit mAb at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



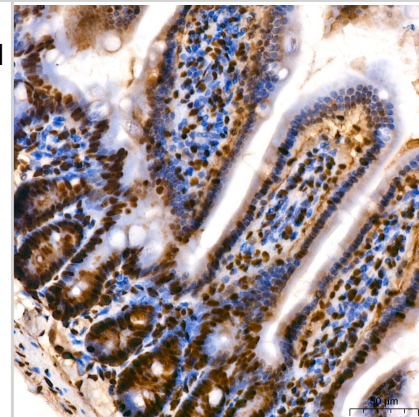
Immunohistochemistry: HMGB1/HMG-1 Antibody (1C4T5) [HMGB1/HMG-1] - Immunohistochemistry analysis of paraffin-embedded Human liver cancer using [KO Validated] HMGB1/HMG-1 Rabbit mAb at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



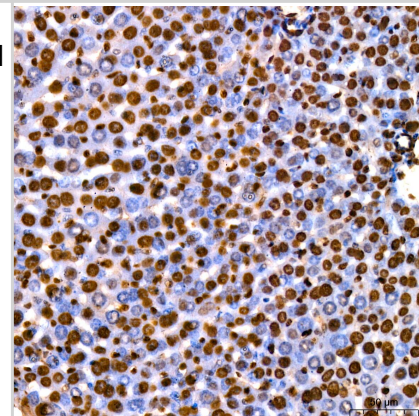
Immunohistochemistry: HMGB1/HMG-1 Antibody (1C4T5)
 [HMGB1/HMG-1] - Immunohistochemistry analysis of paraffin-embedded Mouse kidney using [KO Validated] HMGB1/HMG-1 Rabbit mAb at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry: HMGB1/HMG-1 Antibody (1C4T5)
 [HMGB1/HMG-1] - Immunohistochemistry analysis of paraffin-embedded Mouse colon using [KO Validated] HMGB1/HMG-1 Rabbit mAb at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry: HMGB1/HMG-1 Antibody (1C4T5)
 [HMGB1/HMG-1] - Immunohistochemistry analysis of paraffin-embedded Mouse liver using [KO Validated] HMGB1/HMG-1 Rabbit mAb at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Western Blot: HMGB1/HMG-1 Antibody (1C4T5) [NBP3-15755] -
 Western blot analysis of various lysates using [KO Validated] HMGB1/HMG-1 Rabbit mAb at 1:6000 dilution incubated overnight at 4C.

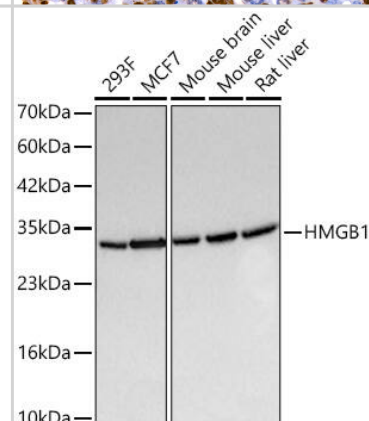
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25 ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit .

Exposure time: 0.5s.



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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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