

# Product Datasheet

## HMGB2 Antibody - BSA Free

### NBP2-38694

Unit Size: 0.1 ml

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

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**NBP2-38694**

HMGB2 Antibody - BSA Free

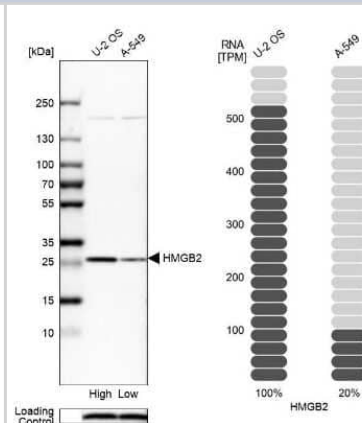
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit HMGB2 Antibody - BSA Free (NBP2-38694) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3148
Gene Symbol	HMGB2
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: AKGKSEAGKKKGPRPTGSKKKNEP

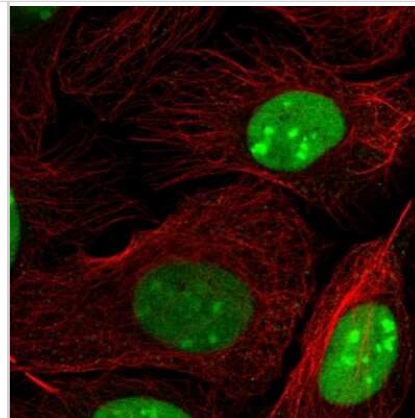
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

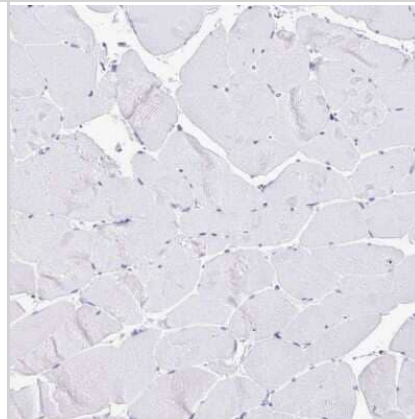
Western Blot: HMGB2 Antibody [NBP2-38694] - Analysis in human cell lines U2OS and A-549. Corresponding RNA-seq data are presented for the same cell lines. Loading control: Anti-COX4I1.



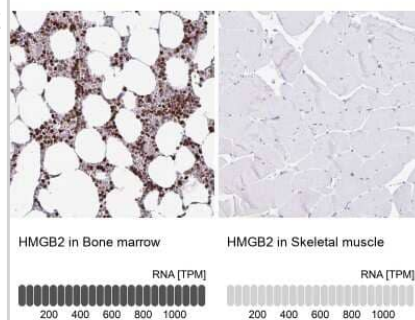
Immunocytochemistry/Immunofluorescence: HMGB2 Antibody [NBP2-38694] - Staining of human cell line U-2 OS shows localization to nucleus and nucleoli. Antibody staining is shown in green.



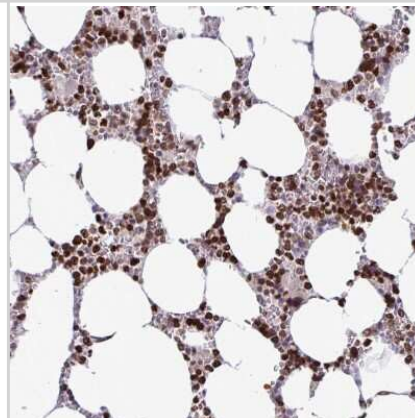
Immunohistochemistry-Paraffin: HMGB2 Antibody [NBP2-38694] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



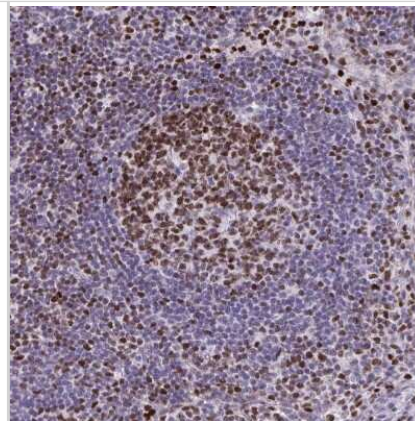
Immunohistochemistry-Paraffin: HMGB2 Antibody [NBP2-38694] - Analysis in human bone marrow and skeletal muscle tissues using NBP2-38694 antibody. Corresponding HMGB2 RNA-seq data are presented for the same tissues.



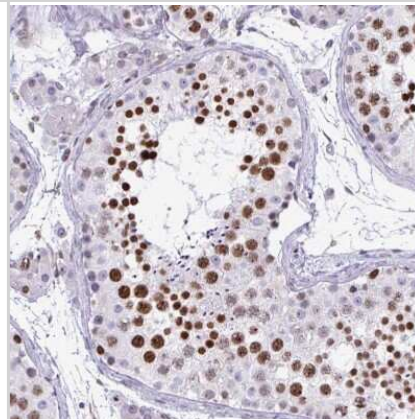
Immunohistochemistry-Paraffin: HMGB2 Antibody [NBP2-38694] - Staining of human bone marrow shows strong nuclear positivity in hematopoietic cells.



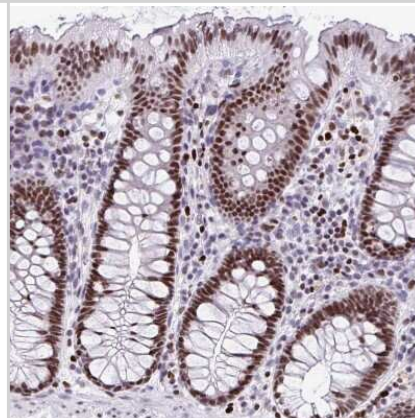
Immunohistochemistry-Paraffin: HMGB2 Antibody [NBP2-38694] - Staining of human lymph node shows strong nuclear positivity in germinal center cells.



Immunohistochemistry-Paraffin: HMGB2 Antibody [NBP2-38694] - Staining of human testis shows strong nuclear positivity in cells in seminiferous ducts.



Immunohistochemistry-Paraffin: HMGB2 Antibody [NBP2-38694] - Staining of human colon shows strong nuclear positivity in glandular cells.





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### **Products Related to NBP2-38694**

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NBP2-38694PEP	HMGB2 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **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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