

# Product Datasheet

## HMGB1/HMG-1 Antibody [FITC] NB100-2322F

Unit Size: 0.1 ml

Store at 4C in the dark.

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### Publications: 1

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Updated 10/23/2024 v.20.1

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**NB100-2322F**

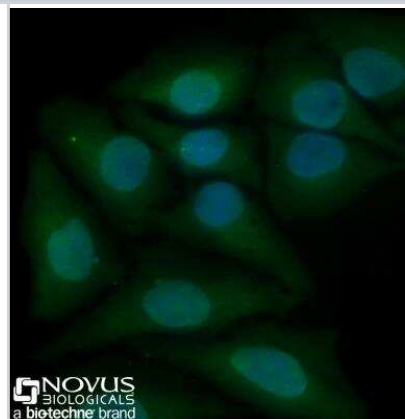
HMGB1/HMG-1 Antibody [FITC]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Conjugate</b>	FITC
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	3146
<b>Gene Symbol</b>	HMGB1
<b>Species</b>	Human, Mouse, Rat, Bovine, Canine, Rabbit, Sheep
<b>Reactivity Notes</b>	Rabbit reactivity reported in scientific literature (PMID: 27401639).
<b>Immunogen</b>	A synthetic peptide made to an internal portion of the human HMGB1 protein sequence (between residues 100-200). [UniProt #P09429]
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Simple Western, ELISA, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
<b>Recommended Dilutions</b>	Western Blot, Simple Western, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Flow (Intracellular), Knockdown Validated
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.

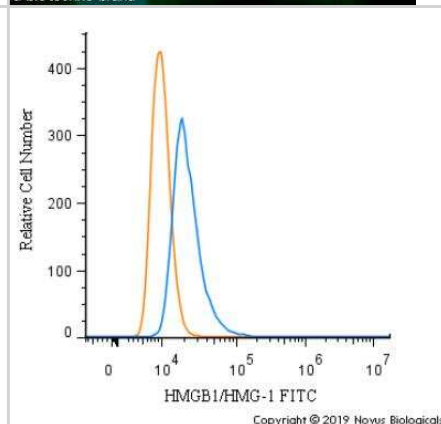


## Images

Immunocytochemistry/Immunofluorescence: HMGB1/HMG-1 Antibody [FITC] [NB100-2322F] - HeLa cells were fixed for 10 minutes using 10% formalin and then permeabilized for 5 minutes using 1X PBS + 0.5% Triton-X100. The cells were incubated with anti-HMGB1 conjugated to FITC [NB100-2522F] at 10ug/ml for 1 hour at room temperature. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 40X objective.



Flow Cytometry: HMGB1/HMG-1 Antibody [FITC] [NB100-2322F] - An intracellular stain was performed on RH-30 cells with HMGB1/HMG-1 Antibody NB100-2322F (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 10 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to FITC.



## Publications

Ershova ES, Shmarina GV, Porokhovnik LN Et al. In Vitro Analysis of Biological Activity of Circulating Cell-Free DNA Isolated from Blood Plasma of Schizophrenic Patients and Healthy Controls Genes (Basel) 2022-03-25 [PMID: 35328103] (FLOW, Human)

Details:

Citation using the FITC version of this antibody.



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### **Products Related to NB100-2322F**

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NBP2-24892	Rabbit IgG Isotype Control [FITC]
NBP2-34960-10ug	Recombinant Human HMGB1/HMG-1 His (C-Term) Protein
210-TA-005	TNF-alpha [Unconjugated]
NBP2-62766	Human HMGB1/HMG-1 ELISA Kit (Colorimetric)

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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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