

# Product Datasheet

## HOXB4 Antibody (3A2F2) - BSA Free NBP2-37257

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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### Publications: 1

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**NBP2-37257**

HOXB4 Antibody (3A2F2) - BSA Free

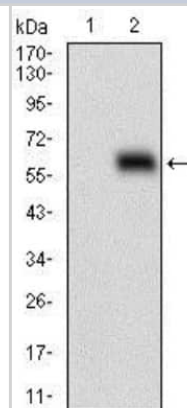
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3A2F2
Preservative	0.05% Sodium Azide
Isotype	IgG2a
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	27.6 kDa

Product Description	
Description	Novus Biologicals Mouse HOXB4 Antibody (3A2F2) - BSA Free (NBP2-37257) is a monoclonal antibody validated for use in IHC, WB and ELISA. Anti-HOXB4 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	3214
Gene Symbol	HOXB4
Species	Human
Immunogen	Purified recombinant fragment of human HOXB4 (AA: 16-251) expressed in E. Coli.

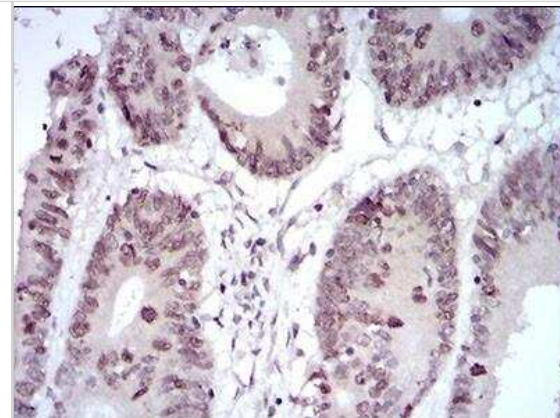
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunohistochemistry, Immunomicroscopy
Recommended Dilutions	Western Blot 1:500 - 1:2000, ELISA 1:10000, Immunohistochemistry 1:200 - 1:1000, Immunohistochemistry-Paraffin 1:200-1:100, Immunomicroscopy

**Images**

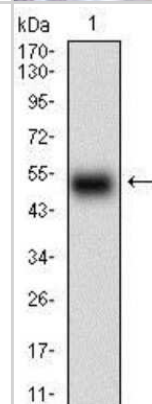
Western Blot: HOXB4 Antibody (3A2F2) [NBP2-37257] - Western blot analysis using HOXB4 mAb against HEK293 (1) and HOXB4 (AA: 16-251)-hlgGfc transfected HEK293 (2) cell lysate.



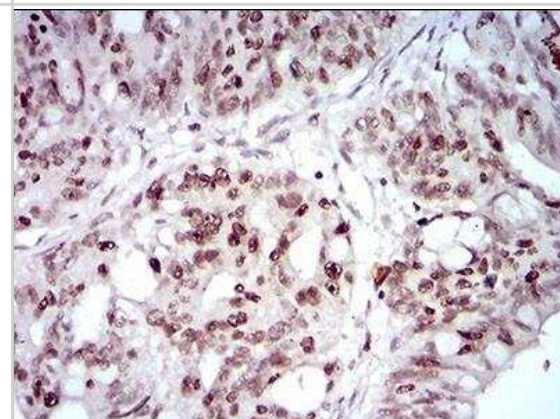
Immunohistochemistry-Paraffin: HOXB4 Antibody (3A2F2) [NBP2-37257] - Immunohistochemical analysis of paraffin-embedded colon cancer tissues using HOXB4 mouse mAb with DAB staining.



Western Blot: HOXB4 Antibody (3A2F2) [NBP2-37257] - Western blot analysis using HOXB4 mAb against human HOXB4 (AA: 16-251) recombinant protein. (Expected MW is 51.9 kDa)



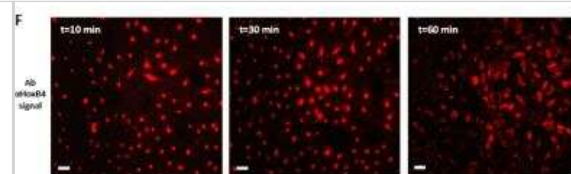
Immunohistochemistry-Paraffin: HOXB4 Antibody (3A2F2) [NBP2-37257] - Immunohistochemical analysis of paraffin-embedded rectum cancer tissues using HOXB4 mouse mAb with DAB staining.



ELISA: HOXB4 Antibody (3A2F2) [NBP2-37257] - Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);



Immunomicroscopy: HOXB4 Antibody (3A2F2) [NBP2-37257] - HeLa cells after 1 minute co-incubation using HoxB4 (7 micro M) and 6His-CM18-PTD4 (10 micro M) in fluorescent microscopy analysis. Prior to immune-labeling, cells were permeabilized and fixed with a primary mouse anti-HOXB4 monoclonal antibody (3A2F2). Scale Bars: 50 micro m. Citation: Del'Guidice T, Lepetit-Stoffaes J-P, Bordeleau L-J, Roberge J, Theberge V, Lauvaux C, et al. (2018) Membrane permeabilizing amphiphilic peptide delivers recombinant transcription factor and CRISPR-Cas9/Cpf1 ribonucleoproteins in hard-to-modify cells. PLoS ONE 13(4): e0195558. <https://doi.org/10.1371/journal.pone.0195558>



## Publications

Del'Guidice T, Lepetit-Stoffaes JP, Bordeleau LJ et al. Membrane permeabilizing amphiphilic peptide delivers recombinant transcription factor and CRISPR-Cas9/Cpf1 ribonucleoproteins in hard-to-modify cells. PLoS ONE 2018-04-04 [PMID: 29617431] (Human)



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### **Products Related to NBP2-37257**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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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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