

# Product Datasheet

## 14-3-3 beta/alpha Antibody (5B5G10) - BSA Free NBP2-61780

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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Updated 9/9/2025 v.20.1

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**NBP2-61780**

14-3-3 beta/alpha Antibody (5B5G10) - BSA Free

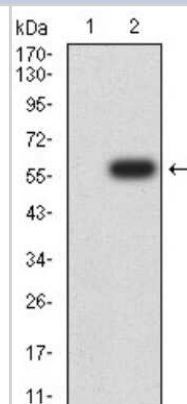
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	5B5G10
Preservative	0.05% Sodium Azide
Isotype	IgG2b
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	28 kDa

Product Description	
Description	Novus Biologicals Mouse 14-3-3 beta/alpha Antibody (5B5G10) - BSA Free (NBP2-61780) is a monoclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	7529
Gene Symbol	YWHAB
Species	Human, Mouse, Rat
Immunogen	Purified recombinant fragment of human 14-3-3 beta/alpha (AA: 1-246) expressed in E. Coli.

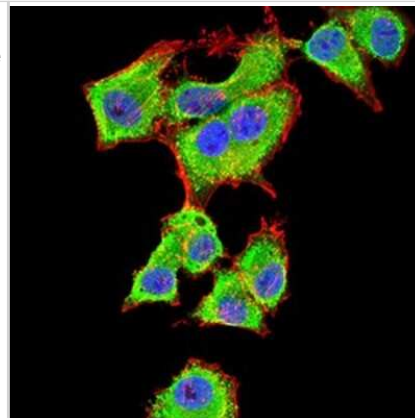
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:200-1:400, ELISA 1:10000, Immunohistochemistry 1:200-1:1000, Immunocytochemistry/ Immunofluorescence 1:200-1:1000, Immunohistochemistry-Paraffin 1:200 - 1:1000

**Images**

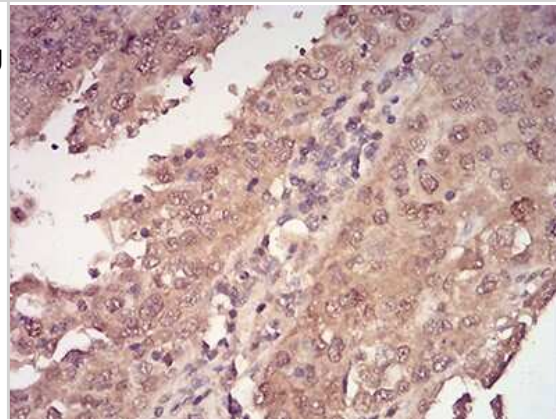
Western Blot: 14-3-3 beta/alpha Antibody (5B5G10) [NBP2-61780] - Analysis using YWHAB mAb against HEK293 (1) and YWHAB (AA: 1-246)-hlgGfc transfected HEK293 (2) cell lysate.



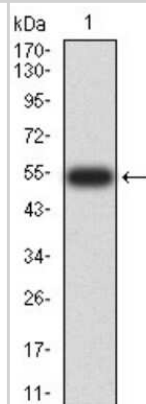
Immunocytochemistry/Immunofluorescence: 14-3-3 beta/alpha Antibody (5B5G10) [NBP2-61780] - Analysis of HepG2 cells using YWHAB mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Goat anti-Mouse IgG (H+L) DyLight 488 secondary antibody was used.



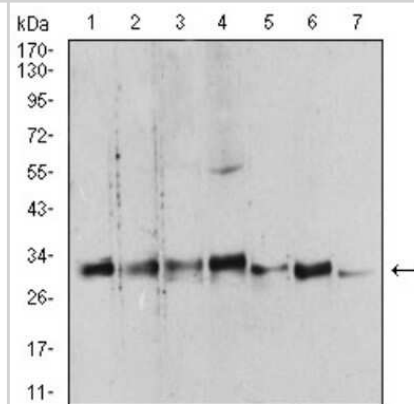
Immunohistochemistry: 14-3-3 beta/alpha Antibody (5B5G10) [NBP2-61780] - Analysis of paraffin-embedded endometrial cancer tissues using YWHAB mouse mAb with DAB staining.



Western Blot: 14-3-3 beta/alpha Antibody (5B5G10) [NBP2-61780] - Analysis using YWHAB mAb against human YWHAB (AA: 1-246) recombinant protein. (Expected MW is 54 kDa)



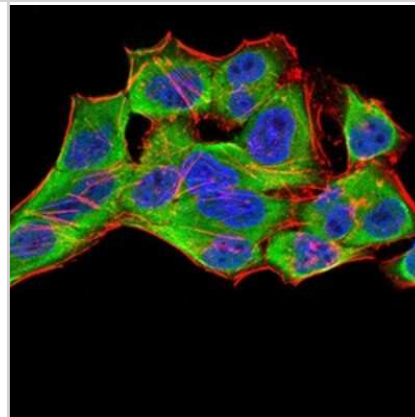
Western Blot: 14-3-3 beta/alpha Antibody (5B5G10) [NBP2-61780] - Analysis using YWHAB mouse mAb against HeLa (1), NIH/3T3 (2), C6 (3), A431 (4), K562 (5), PC-12 (6), and U937 (7) cell lysate.



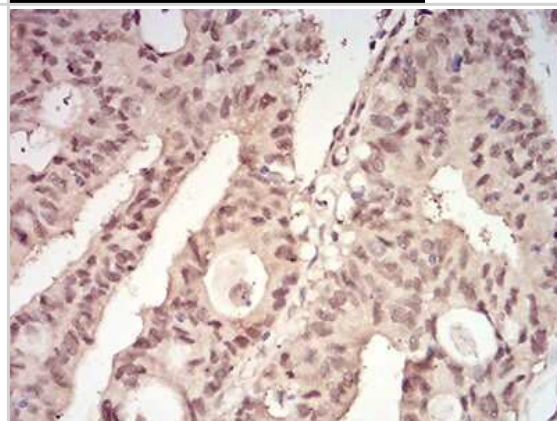
Immunocytochemistry/Immunofluorescence: 14-3-3 beta/alpha Antibody (5B5G10) [NBP2-61780] - Analysis of GC-7901 cells using YWHAB mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Goat anti-Mouse IgG (H+L) DyLight 488 secondary antibody was used.



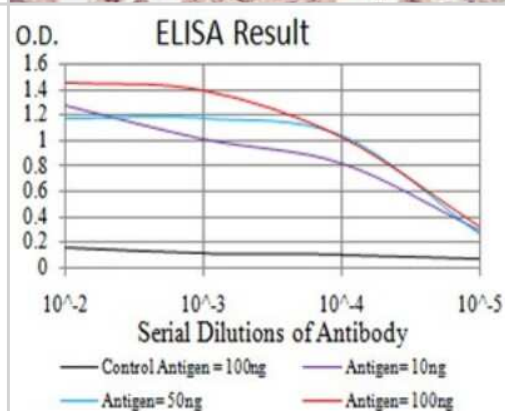
Immunocytochemistry/Immunofluorescence: 14-3-3 beta/alpha Antibody (5B5G10) [NBP2-61780] - Analysis of Hela cells using YWHAB mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Goat anti-Mouse IgG (H+L) DyLight 488 secondary antibody was used.



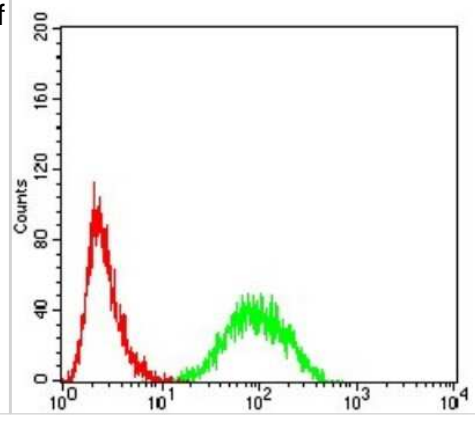
Immunohistochemistry: 14-3-3 beta/alpha Antibody (5B5G10) [NBP2-61780] - Analysis of paraffin-embedded rectum cancer tissues using YWHAB mouse mAb with DAB staining.



ELISA: 14-3-3 beta/alpha Antibody (5B5G10) [NBP2-61780] - Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



ELISA: 14-3-3 beta/alpha Antibody (5B5G10) [NBP2-61780] - Analysis of HeLa cells using YWHAB mouse mAb (green) and negative control (red).





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### **Products Related to NBP2-61780**

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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]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

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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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