

Product Datasheet

YB1 Antibody (9J7M4) NBP3-16213-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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NBP3-16213-100ul

YB1 Antibody (9J7M4)

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	9J7M4
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA

Product Description

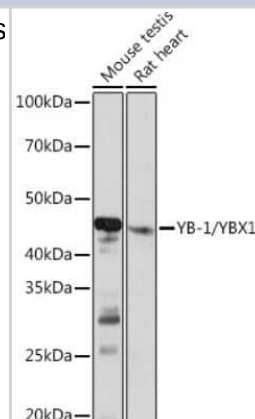
Description	Novus Biologicals Rabbit YB1 Antibody (9J7M4) (NBP3-16213) is a recombinant monoclonal antibody validated for use in IHC, WB, ICC/IF, IP and ChIP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4904
Gene Symbol	YBX1
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 225-324 of human YB1 (P67809). GAGEQGRPVRQNMRYRGYRPRFRRGPPRQRQRPREDGNEEDKENQGDETQG QQPPQRRYRRNFNRYRRRRPENPKPQDGKETKAADPPAENSSAPEAEQGGAE

Product Application Details

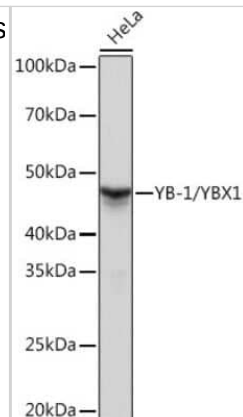
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot 1:500 - 1:2000, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunoprecipitation 1:500 - 1:1000, Immunohistochemistry-Paraffin, Chromatin Immunoprecipitation (ChIP) 1:500 - 1:1000

Images

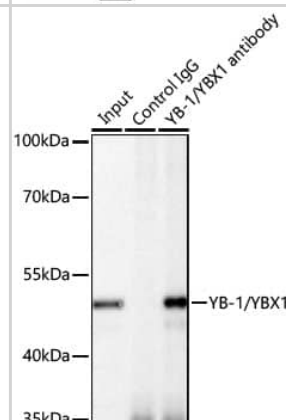
Western Blot: YB1 Antibody (9J7M4) [NBP3-16213] - Analysis of extracts of various cell lines, using YB1 Rabbit mAb (NBP3-16213) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



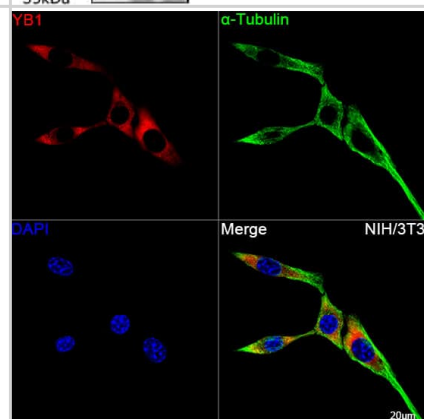
Western Blot: YB1 Antibody (9J7M4) [NBP3-16213] - Analysis of extracts of HeLa cells, using YB1 Rabbit mAb (NBP3-16213) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



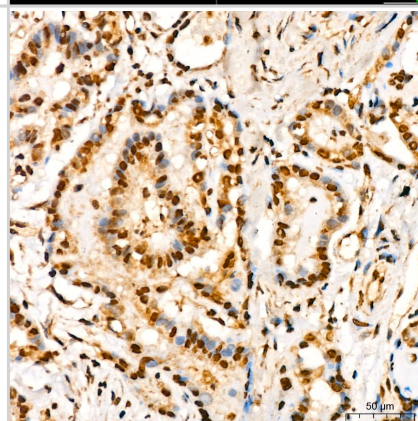
Immunoprecipitation: YB1 Antibody (9J7M4) [NBP3-16213] - Immunoprecipitation of YB1 from 200 ug extracts of HeLa cells was performed using 0.5 ug of YB1 Rabbit mAb. Rabbit IgG isotype control was used to precipitate the Control IgG sample. IP samples were eluted with 1X Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using YB1 Rabbit mAb at a dilution of 1:1000.



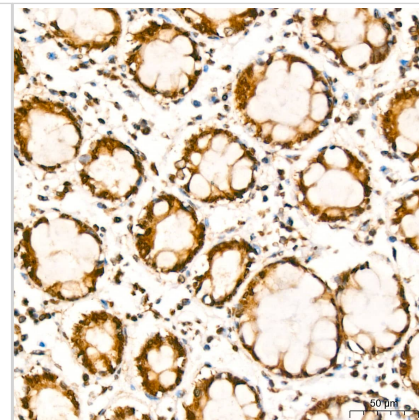
Immunocytochemistry/ Immunofluorescence: YB1 Antibody (9J7M4) [NBP3-16213] - Confocal imaging of NIH/3T3 cells using YB1 Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L). The cells were counterstained with alpha-Tubulin Mouse mAb followed by incubation with ABflo(R) 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



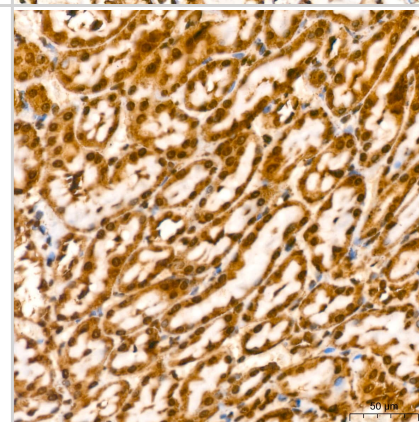
Immunohistochemistry: YB1 Antibody (9J7M4) [NBP3-16213] - Immunohistochemistry analysis of paraffin-embedded Human thyroid cancer using YB1 Rabbit mAb at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



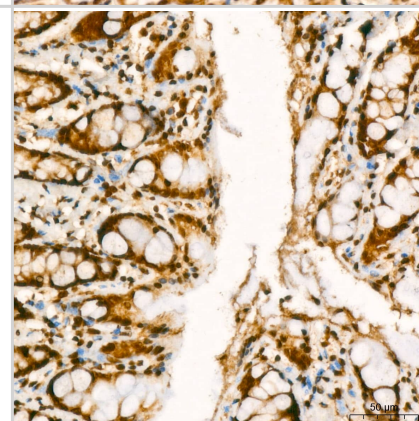
Immunohistochemistry: YB1 Antibody (9J7M4) [NBP3-16213] - Immunohistochemistry analysis of paraffin-embedded Human colon using YB1 Rabbit mAb at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



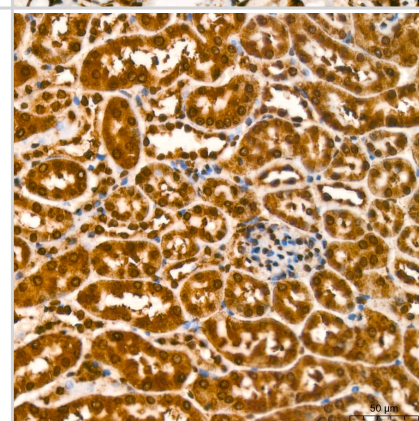
Immunohistochemistry: YB1 Antibody (9J7M4) [NBP3-16213] - Immunohistochemistry analysis of paraffin-embedded Rat kidney using YB1 Rabbit mAb at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



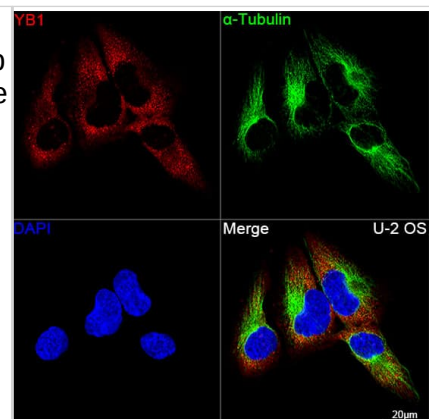
Immunohistochemistry: YB1 Antibody (9J7M4) [NBP3-16213] - Immunohistochemistry analysis of paraffin-embedded Rat colon using YB1 Rabbit mAb at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



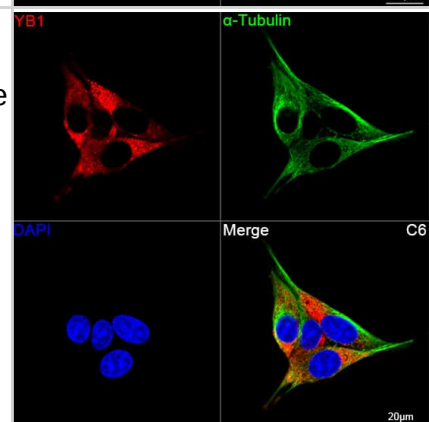
Immunohistochemistry: YB1 Antibody (9J7M4) [NBP3-16213] - Immunohistochemistry analysis of paraffin-embedded Mouse kidney using YB1 Rabbit mAb at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunocytochemistry/ Immunofluorescence: YB1 Antibody (9J7M4) [NBP3-16213] - Confocal imaging of U-2 OS cells using YB1 Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L). The cells were counterstained with alpha-Tubulin Mouse mAb followed by incubation with ABflo(R) 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



Immunocytochemistry/ Immunofluorescence: YB1 Antibody (9J7M4) [NBP3-16213] - Confocal imaging of C6 cells using YB1 Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L). The cells were counterstained with alpha-Tubulin Mouse mAb followed by incubation with ABflo(R) 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.





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Products Related to NBP3-16213-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-30101-0.1mg	Recombinant Human YB1 His 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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