

Product Datasheet

YAP1 Antibody (1A12) - BSA Free NBP2-22117

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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NBP2-22117

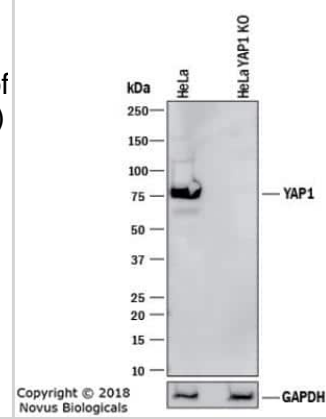
YAP1 Antibody (1A12) - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1A12
Preservative	0.03% Sodium Azide
Isotype	IgG1
Purity	Ammonium sulfate precipitation
Buffer	PBS
Product Description	
Description	Novus Biologicals Knockout (KO) Validated Mouse YAP1 Antibody (1A12) - BSA Free (NBP2-22117) is a monoclonal antibody validated for use in IHC, WB, ELISA, Flow, ICC/IF, Simple Western and IP. Anti-YAP1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	10413
Gene Symbol	YAP1
Species	Human
Immunogen	This YAP1 antibody (1A12) was developed against recombinant human YAP1 protein expressed in E. coli. [UniProt# P46937]
Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Knockdown Validated, Knockout Validated
Recommended Dilutions	Western Blot 1:500-1:2000, Simple Western 20 ug/mL, Flow Cytometry 1:200-1:400, ELISA 1:10000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1-5 ug/mL, Immunoprecipitation reported in scientific literature (PMID 28230103), Immunohistochemistry-Paraffin 1:200-1:1000, Knockout Validated, Knockdown Validated reported in scientific literature (PMID 28230103)



Images

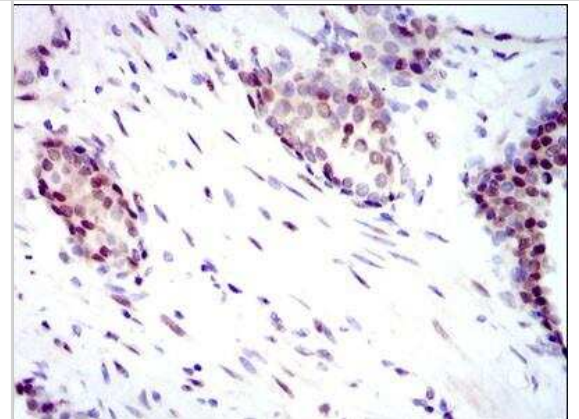
Western Blot: YAP1 Antibody (1A12) [NBP2-22117] - Lysates of HeLa human cervical epithelial carcinoma parental cell line and YAP1 knockout (KO) HeLa cell line. PVDF membrane was probed with 1:500 of Mouse Anti-Human YAP1 Monoclonal Antibody (Catalog # NBP2-22117) followed by HRP-conjugated Anti-Mouse IgG Secondary Antibody (Catalog # HAF018). Specific band was detected for YAP1 at approximately 75 kDa (as indicated) in the parental HeLa cell line, but is not detectable in the knockout HeLa cell line. This experiment was conducted under reducing conditions.



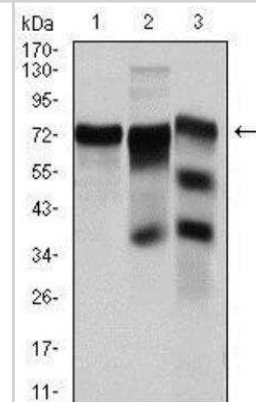
Immunocytochemistry/Immunofluorescence: YAP1 Antibody (1A12) - BSA Free [NBP2-22117] - Caco-2 cells were fixed in 4% paraformaldehyde for 10 minutes and permeabilized in 0.5% Triton X-100 in PBS for 5 minutes. The cells were incubated with YAP1 Antibody [1A12] (NBP2-22117) at 1 ug/ml overnight at 4C and detected with an anti-mouse DyLight 488 (Green) at a 1:1000 dilution for 60 minutes. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 40X objective.



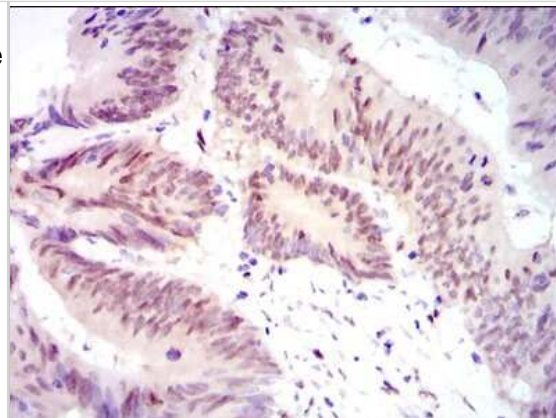
Immunohistochemistry-Paraffin: YAP1 Antibody (1A12) [NBP2-22117] - Analysis of paraffin-embedded prostate cancer tissues using YAP1 mouse mAb with DAB staining. 1:200 - 1:1000



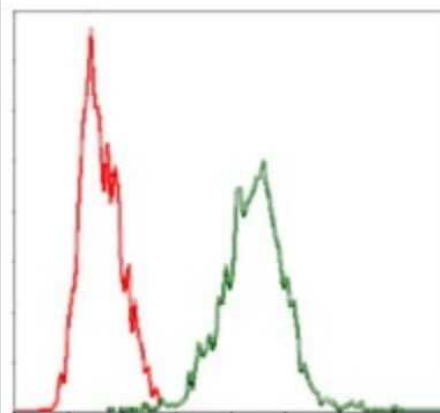
Western Blot: YAP1 Antibody (1A12) [NBP2-22117] - Analysis using YAP1 mouse mAb against HeLa (1), C6 (2) and Cos7 (3) cell lysate. Dilution 1:500 - 1:2000.



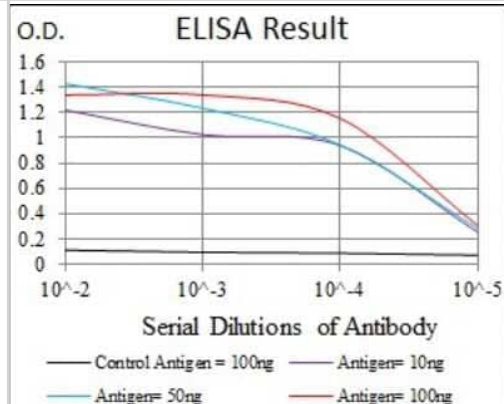
Immunohistochemistry-Paraffin: YAP1 Antibody (1A12) [NBP2-22117] - Analysis of paraffin-embedded rectum cancer tissues using YAP1 mouse mAb with DAB staining. 1:200 - 1:1000



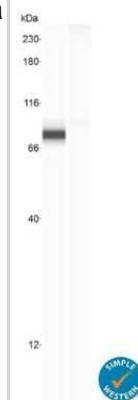
Flow Cytometry: YAP1 Antibody (1A12) [NBP2-22117] - Analysis of HeLa cells using YAP1 mouse mAb (green) and negative control (red). Dilution 1:200 - 1:400.



ELISA: YAP1 Antibody (1A12) [NBP2-22117] - Red: Control Antigen (100 ng); Purple: Antigen (10 ng); Green: Antigen (50 ng); Blue: Antigen (100 ng). Dilution 1:10000.



Simple Western: YAP1 Antibody (1A12) [NBP2-22117] - Lysates of HeLa human cervical epithelial carcinoma parental cell line and YAP1 knockout (KO) HeLa cell line. A specific band was detected for YAP1 at approximately 81 kDa (as indicated) using 20 ug/mL of mouse Anti-YAP1 Monoclonal Antibody (Catalog # NBP2-22117). This experiment was conducted under reducing conditions and using the 12-230 kDa separation system.



Publications

Kuser-Abali G, Alptekin A, Lewis M et al. YAP1 and AR interactions contribute to the switch from androgen-dependent to castration-resistant growth in prostate cancer Nat Commun. 2015-08-31 [PMID: 28230103] (IP, KD, IHC-P, Human)



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Products Related to NBP2-22117

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]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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