

Product Datasheet

Syntenin 1 Antibody (19C1) - BSA Free NBP3-26333-100ul

Unit Size: 100 ul

Store at -20 to -70C. Avoid freeze-thaw cycles.

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NBP3-26333-100ul

Syntenin 1 Antibody (19C1) - BSA Free

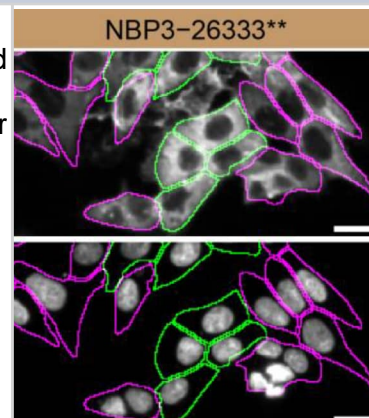
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20 to -70C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	19C1
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, pH 7.4, 150mM NaCl, and 50% glycerol

Product Description	
Description	Novus Biologicals Rabbit Syntenin 1 Antibody (19C1) - BSA Free (NBP3-26333) is a recombinant monoclonal antibody validated for use in WB, ELISA, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	6386
Gene Symbol	SDCBP
Species	Human
Immunogen	A synthesized peptide derived from Human Syntenin 1 [UniProt O00560]

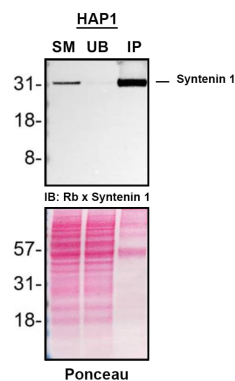
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Knockdown Validated
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:200, ELISA, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunoprecipitation Validated for Immunoprecipitation from YCharOS Inc. (YCharOS.com), Knockdown Validated Validated for Knockdown from YCharOS Inc. (YCharOS.com)

Images

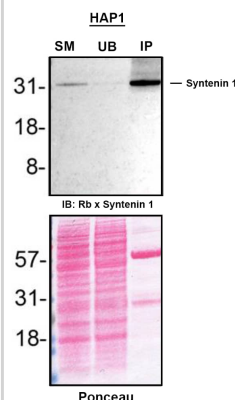
HAP1 parental cell line WT and Syntenin 1 HAP1 KD cells were labelled with a green or a far-red fluorescent dye, respectively. Cells were stained with Syntenin 1 Antibody (19C1) (Catalog # NBP3-26333) followed by incubation with an Alexa-fluor 555 conjugated secondary antibody (upper panel). DAPI-only counterstained cells shown on a lower panel. Acquisition of the blue (nucleus-DAPI), green (identification of WT cells), red (antibody staining) and far-red (identification of KD cells) channels was performed. Representative images of the blue and red (grayscale) channels are shown. WT and KD cells are outlined with green and magenta dashed line, respectively. Primary antibody dilution used: 1/100. Image, protocol and testing courtesy of YCharOS Inc. (ycharos.com).



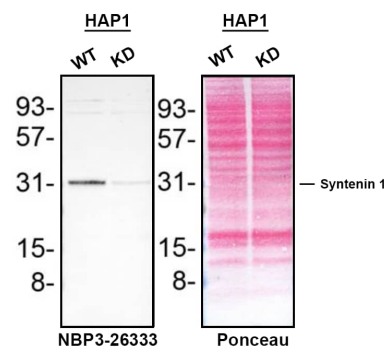
HAP1 cell line lysates were prepared and immunoprecipitation was performed using 2.0 µg of Syntenin 1 Antibody (19C1) (Catalog # NBP3-26333) pre-coupled to Dynabeads Protein A. Immunoprecipitated Syntenin 1 was detected in Western Blot with a rabbit anti-Syntenin 1 antibody used at 1/500. The Ponceau stained transfer of the blot is shown. SM=4% starting material; UB=4% unbound fraction; IP=immunoprecipitate; HC=antibody heavy chain. Image, protocol and testing courtesy of YCharOS Inc. (ycharos.com).



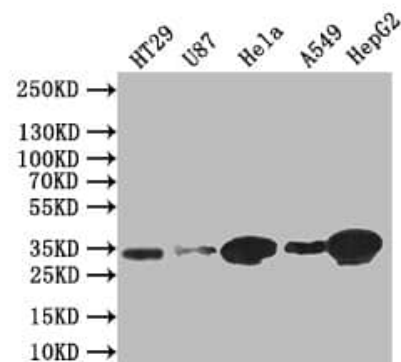
Culture medium from HAP1 cell line culture were prepared and immunoprecipitation was performed using 2.0 µg of Syntenin 1 Antibody (19C1) (Catalog # NBP3-26333) pre-coupled to Dynabeads Protein A. Immunoprecipitated Syntenin 1 was detected in Western Blot with a rabbit anti-Syntenin 1 antibody used at 1/1000. The Ponceau stained transfer of the blot is shown. SM=4% starting material; UB=4% unbound fraction; IP=immunoprecipitate; HC=antibody heavy chain. Image, protocol and testing courtesy of YCharOS Inc. (ycharos.com).



Western blot shows lysates of HAP1 parental cell line and Syntenin 1 knockdown HAP1 cell line (KD). Nitrocellulose membrane was probed with Syntenin 1 Antibody (19C1) (Catalog # NBP3-26333) followed by HRP-conjugated secondary antibody. A specific band was detected for Syntenin 1 at approximately 32.5 kDa (as indicated) in the parental HAP1 cell line, but is not detectable in knockdown HAP1 cell line. Primary antibody dilution used: 1/500. The Ponceau stained transfer of the blot is shown. This experiment was conducted under reducing conditions. Image, protocol, and testing courtesy of YCharOS Inc. See ycharos.com for additional details.



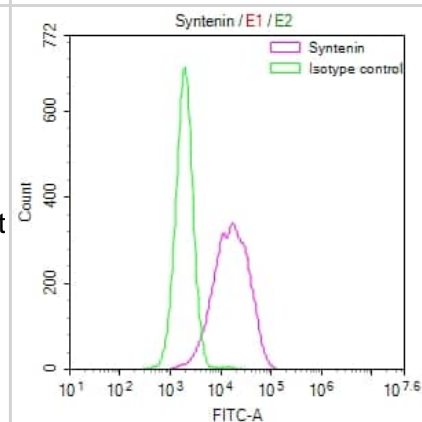
Western Blot: Syntenin 1 Antibody (19C1) [NBP3-26333] - Positive Western Blot detected in: HT29 whole cell lysate, U87 whole cell lysate, Hela whole cell lysate, A549 whole cell lysate, HEPG2 whole cell lysate. All lanes: Syntenin 1 Antibody at 1: 1000
Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution.
Predicted band size: 32 kDa
Observed band size: 32 kDa



Immunocytochemistry/Immunofluorescence: Syntenin 1 Antibody (19C1) [NBP3-26333] - Staining of Hela with Syntenin 1 Antibody (19C1) at 1:30, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4C. The secondary antibody was Alexa Fluor 521-conjugated Goat Anti-Rabbit IgG (H+L).



Flow Cytometry: Syntenin 1 Antibody (19C1) [NBP3-26333] - Overlay Peak curve showing HepG2 cells stained with Syntenin 1 Antibody (19C1) (red line) at 1:50. The cells were fixed in 4% formaldehyde and permeated by 0.2% Triton X-100. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*10^6 cells) for 45min at 4C. The secondary antibody used was FITC-conjugated Goat Anti-rabbit IgG (H+L) at 1:200 dilution for 35min at 4C. Control antibody (green line) was rabbit IgG (1ug/1*10^6 cells) used under the same conditions. Acquisition of >10,000 events was performed.





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Products Related to NBP3-26333-100ul

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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