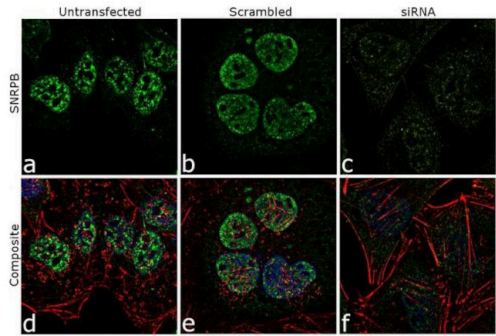


SNRPB Monoclonal Antibody (Y12)

Product Details	
Size	500 µL
Species Reactivity	Fruit fly, Human, Mouse, Pig, Rabbit, Rat
Published Species	Dog, Rat, Fruit fly, Hamster, Human, Mouse, Flatworm
Host/Isotype	Mouse / IgG3, kappa
Class	Monoclonal
Type	Antibody
Clone	Y12
Conjugate	Unconjugated
Form	Liquid
Concentration	200 mg/mL
Purification	Protein G
Storage buffer	PBS, pH 7.4, with 0.2% BSA
Contains	0.09% sodium azide
Storage conditions	4° C
RRID	AB_10944191

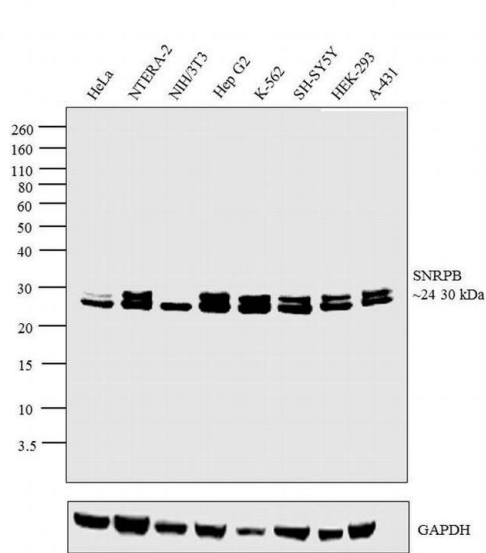
Applications	Tested Dilution	Publications
Western Blot (WB)	0.5-1.0 µg/mL	5 Publications
Immunohistochemistry (IHC)	-	4 Publications
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:100	-
Immunohistochemistry (Frozen) (IHC (F))	-	1 Publication
Immunocytochemistry (ICC/IF)	2 µg/mL	7 Publications
Immunoprecipitation (IP)	-	7 Publications
in situ PLA (PLA)	-	1 Publication
Immunomicroscopy (IM)	Assay-dependent	-
RNA Immunoprecipitation (RIP)	1.5 µg/10^6 cells	-

Product Images For SNRPB Monoclonal Antibody (Y12)



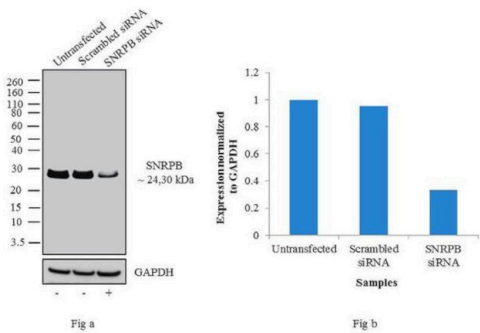
SNRPB Antibody (MA5-13449)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. HeLa cells were transfected with SNRPB siRNA and reduction of specific signal was observed in immunofluorescence application using SNRPB Mouse Monoclonal antibody (Product # MA5-13449). {KD}



SNRPB Antibody (MA5-13449) in WB

Western blot analysis was performed on Nuclear enriched extracts (30 µg lysate) of HeLa (Lane 1), NTERA-2 (Lane 2), NIH/3T3 (Lane 3), Hep G2 (Lane 4), K-562 (Lane 5), SH-SY5Y (Lane 6), HEK-293 (Lane 7) and A-431 (Lane 8). The blots were probed with Mouse Anti-SNRPB Monoclonal Antibody (Product # MA5-13449, 1 µg/mL) and detected by chemiluminescence using Goat anti-Mouse IgG (H+L) Superclonal™ Secondary Antibody, HRP conjugate (Product # A28177, 0.25 µg/mL, 1:4000 dilution). A 24 kDa and 30 kDa band corresponding to SNRPB was observed across the cell lines tested. Known quantity of protein samples were electrophoresed using Novex® NuPAGE® 4-12 % Bis-Tris gel (Product # NP0321BOX), XCell SureLock™ Electrophoresis System (Product # EI0002) and Novex® Sharp Pre-Stained Protein Standard (Product # LC5800). Resolved proteins were then transferred onto a nitrocellulose membrane with iBlot® 2 Dry Blotting System (Product # IB21001). The membrane was probed with the relevant primary antibody following blocking with 5 % skimmed milk. Chemiluminescent detection was performed using Pierce™ ECL Western Blotting Substrate (Product # 32106).



SNRPB Antibody (MA5-13449)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. HeLa cells were transfected with SNRPB siRNA and decrease in signal intensity was observed in western blot application using anti-SNRPB siRNA (Product # MA5-13449). {KD}

View more figures on thermofisher.com

Western Blot (5)

<p>Nature communications</p> <p>Therapeutic manipulation of IKBKAP mis-splicing with a small molecule to cure familial dysautonomia.</p> <p>"MA5-13449 was used in Immunocytochemistry to indicate that small synthetic molecules affecting phosphorylation state of SRSFs is available as a new therapeutic modality for mechanism-oriented precision medicine of splicing diseases."</p> <p>Authors: Ajiro M,Awaya T, Kim YJ, Iida K, Denawa M, Tanaka N, Kurosawa R, Matsushima S, Shibata S, Sakamoto T, Studer L, Krainer AR, Hagiwara M</p>	<p>Year 2021</p> <p>Species Human</p> <p>Dilution 1:500</p>
<p>Cell reports</p> <p>Tau-Mediated Disruption of the Spliceosome Triggers Cryptic RNA Splicing and Neurodegeneration in Alzheimer's Disease.</p> <p>"Published figure using SNRPB monoclonal antibody (Product # MA5-13449) in Immunohistochemistry"</p> <p>Authors: Hsieh YC, Guo C, Yalamanchili HK, Abreha M, Al-Ouran R, Li Y, Dammer EB, Lah JJ, Levey AI, Bennett DA, De Jager PL, Seyfried NT, Liu Z, Shulman JM</p>	<p>Year 2019</p>

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Immunohistochemistry (4)

<p>Cell reports</p> <p>Tau-Mediated Disruption of the Spliceosome Triggers Cryptic RNA Splicing and Neurodegeneration in Alzheimer's Disease.</p> <p>"Published figure using SNRPB monoclonal antibody (Product # MA5-13449) in Immunohistochemistry"</p> <p>Authors: Hsieh YC, Guo C, Yalamanchili HK, Abreha M, Al-Ouran R, Li Y, Dammer EB, Lah JJ, Levey AI, Bennett DA, De Jager PL, Seyfried NT, Liu Z, Shulman JM</p>	<p>Year 2019</p>
<p>Human molecular genetics</p> <p>Mutations in splicing factor PRPF3, causing retinal degeneration, form detrimental aggregates in photoreceptor cells.</p> <p>"MA5-13449 was used in immunohistochemistry to investigate the role of mutations in splicing factor PRPF3 in retinal degeneration of photoreceptor cells"</p> <p>Authors: Comitato A, Spanpanato C, Chakarova C, Sanges D, Bhattacharya SS, Marigo V</p>	<p>Year 2007</p> <p>Species Human</p> <p>Dilution 1:100</p>

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- IHC (F) (1)
- ICC/IF (7)
- IP (7)
- PLA (1)

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