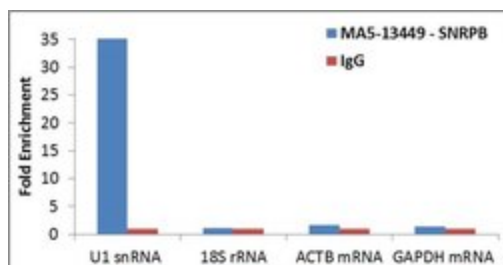


# SNRPB Monoclonal Antibody (Y12)

Product Details	
Size	500 µL
Species	Fruit fly, Human, Mouse, Pig, Rabbit, Rat
Published Species	Dog, Rat, Fruit fly, Hamster, Human, Mouse, Flatworm
Expression System	Mouse / IgG3, kappa
Class	Monoclonal
Type	Antibody
Clone	Y12
Conjugate	Unconjugated
Form	Liquid
Concentration	0.2 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

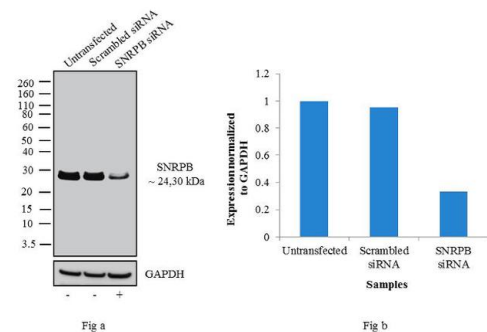
Applications	Tested Dilution	Publications
Immunocytochemistry (ICC)	2 µg/mL	7 Publications
Immunofluorescence (IF)	2 µg/mL	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:100	-
Immunomicroscopy (IM)	Assay Dependent	-
RNA Immunoprecipitation (RIP)	1.5 µg/10 <sup>6</sup> cells	-
Western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

## Advanced Verification Data



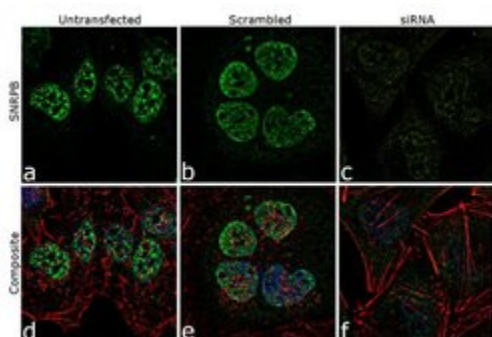
### SNRPB Antibody (MA5-13449)

Antibody specificity was demonstrated by detection of binding of the target protein to specific RNA. RNA Immunoprecipitation (RIP) was performed using Anti-SNRPB Monoclonal Antibody (Product # MA5-13449) using primer pairs over U1 snRNA (positive) and 18S rRNA, ACTB mRNA, GAPDH mRNA (inactive). Relative expression validation info.



### 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). Knockdown validation info.



### 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). Knockdown validation info.

View more figures on [thermofisher.com](https://thermofisher.com)

## Immunocytochemistry (7)

### Nucleic acids research

#### PRMT1 loss sensitizes cells to PRMT5 inhibition.

"MA5-13449 was used in Western Blotting to study the PRMT5 signalling pathway and genes whose loss of function sensitises cancer cells to PRMT5 inhibition."

Authors: Gao G,Zhang L,Villarreal OD,He W,Su D,Bedford E,Moh P,Shen J,Shi X,Bedford MT,Xu H

**Species**  
Human

**Dilution**  
Not Cited

**Year**  
2019

### BMC developmental biology

#### In situ hybridization protocol for enhanced detection of gene expression in the planarian *Schmidtea mediterranea*.

"MA5-13449 was used in Immunocytochemistry-immunofluorescence to optimise the signal intensity and sensitivity in whole-mount in situ hybridisation and whole-mount fluorescent in situ hybridisation in planarians."

Authors: King RS,Newmark PA

**Species**  
Flatworm

**Dilution**  
1:250

**Year**  
2013

[View more ICC references on thermofisher.com](#)

## in situ PLA (1)

### Nature communications

#### Disrupted alternative splicing for genes implicated in splicing and ciliogenesis causes PRPF31 retinitis pigmentosa.

"MA5-13449 was used in Immunocytochemistry to study the occurrence of disrupted alternative splicing for specific splicing programmes."

Authors: Buskin A,Zhu L,Chichagova V,Basu B,Mozaffari-Jovin S,Dolan D,Droop A,Collin J,Bronstein R,Mehrotra S,Farkas M,Hilgen G,White K,Pan KT,Treumann A,Hallam D,Bialas K,Chung G,Mellough C,Ding Y,Krasnogor N,Przyborski S,Zwolinski S,Al-Aama J,Alharthi S,Xu Y,Whewey G,Szymanska K,McKibbin M,Inglehearn CF,Elliott DJ,Lindsay S,Ali RR,Steel DH,Armstrong L,Sernagor E,Urlaub H,Pierce E,Lührmann R,Grellscheid SN,Johnson CA,Lako M

**Species**  
Human

**Dilution**  
1:500

**Year**  
2018

## Western Blot (2)

### Arthritis and rheumatology (Hoboken, N.J.)

#### Checkpoints for Autoreactive B Cells in the Peripheral Blood of Lupus Patients Assessed by Flow Cytometry.

"MA513449 was used in western blot to develop a method to detect circulating B cells that recognize nuclear antigens in patients"

Authors: Malkiel S,Jeganathan V,Wolfson S,Manjarrez Orduño N,Marasco E,Aranow C,Mackay M,Gregersen PK,Diamond B

**Species**  
Human

**Dilution**  
1:200

**Year**  
2016

## More applications with references on thermofisher.com

IHC (4)

IHC (F) (1)

IF (1)

IP (6)

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