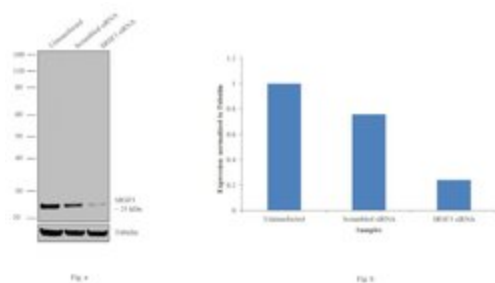


SRSF3 Monoclonal Antibody (7B4 (7B4A12))

Product Details	
Size	100 µg
Species	Human
Published Species	Artificial Control, Rat, Human, Xenopus
Expression System	Mouse / IgG1, kappa
Class	Monoclonal
Type	Antibody
Clone	7B4 (7B4A12)
Conjugate	Unconjugated
Immunogen	A synthetic peptide corresponding to amino acids 84-104 of the human SRp20 protein.
Form	Liquid
Concentration	0.5 mg/mL
Purification	Protein A
Storage buffer	PBS, pH 7.4
Contains	0.1% sodium azide
Storage Conditions	-20°C
RRID	AB_2533119

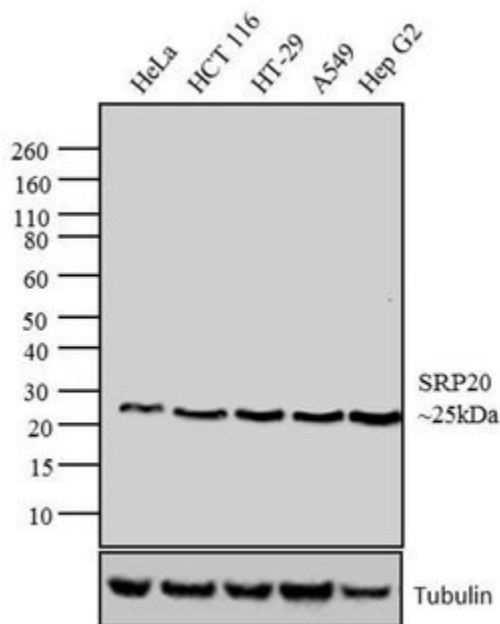
Applications	Tested Dilution	Publications
ELISA (ELISA)	Assay Dependent	-
Immunofluorescence (IF)	Assay Dependent	2 Publications
Western Blot (WB)	2 µg/mL	10 Publications
Immunocytochemistry (ICC)	-	1 Publication
Immunohistochemistry (IHC)	-	2 Publications
Immunoprecipitation (IP)	-	1 Publication
Miscellaneous PubMed (Misc)	-	1 Publication



SRSF3 Antibody (33-4200)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. Hep G2 cells were transfected with SRSF3 siRNA and reduction of signal was observed in Western Blot using SRSF3 Monoclonal Antibody (Product # 33-4200). Knockdown validation info.

Product Images For SRSF3 Monoclonal Antibody (7B4 (7B4A12))



SRSF3 Antibody (33-4200) in WB

Western blot analysis was performed on nuclear enriched extracts (30 µg lysate) of HeLa (Lane 1), HCT 116 (Lane 2), HT-29 (Lane 3), A549 (Lane 4) and Hep G2 (Lane 5). The blot was probed with Anti-SRP20 Mouse Monoclonal Antibody (Product # 33-4200, 2 µg/mL) and detected by chemiluminescence using Goat anti-Mouse IgG (H+L) Superclonal™ Secondary Antibody, HRP conjugate (Product # A28177, 0.4 µg/mL, 1:2500 dilution). A ~25 kDa band corresponding to SRP20 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 and secondary Antibody following blocking with 5 % skimmed milk. Chemiluminescent detection was performed using Pierce™ ECL Western Blotting Substrate (Product # 32106).

SRSF3 Antibody (33-4200) in WB

Knockdown of SRSF3 was achieved by transfecting Hep G2 cells with SRSF3 specific siRNAs (Silencer® select Product # s12732, s12733). Western blot analysis (Fig. a) was performed using whole cell extracts from the SRSF3 knockdown cells (lane 3), non-specific scrambled siRNA transfected cells (lane 2) and untransfected cells (lane 1). The blots were probed with SRSF3 Monoclonal Antibody (Product # 33-4200, 2 µg/mL) and Goat anti-Mouse IgG (H+L) Superclonal™ Secondary Antibody, HRP conjugate (Product # A28177, 0.25 µg/mL, 1:4000 dilution). Densitometric analysis of this western blot is shown in histogram (Fig. b). Decrease in signal upon siRNA mediated knock down confirms that antibody is specific to SRSF3.

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Western Blot (10)

Nucleic acids research

Splicing events in the control of genome integrity: role of SLU7 and truncated SRSF3 proteins.

"33-4200 was used in Western Blotting to identify the splicing regulator SLU7 as a key mediator of genome stability."

Authors: Jiménez M,Urtasun R,Elizalde M,Azkona M,Latasa MU,Uriarte I,Arechederra M,Alignani D,Bárcena-Varela M, Álvarez-Sola G,Colyn L,Santamaría E,Sangro B,Rodríguez-Ortigosa C,Fernández-Barrena MG,Ávila MA,Berasain C

Species
Human
Artificial Control

Dilution
1:500
Not Cited

Year
2019

Molecular cell

The TIA1 RNA-Binding Protein Family Regulates EIF2AK2-Mediated Stress Response and Cell Cycle Progression.

"33-4200 was used in Western Blotting to study the role of TIA1 protein family in the mediated stress response and cell cycle progression."

Authors: Meyer C,Garzia A,Mazzola M,Gerstberger S,Molina H,Tuschl T

Species
Human

Dilution
Not Cited

Year
2018

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

Immunohistochemistry (2)

Scientific reports

HnRNP L is important for the expression of oncogene SRSF3 and oncogenic potential of oral squamous cell carcinoma cells.

"33-4200 was used in Immunohistochemistry to elucidate the role of heterogeneous nuclear ribonucleoprotein L in oral squamous cell carcinoma pathogenesis."

Authors: Jia R,Zhang S,Liu M,Zhang Y,Liu Y,Fan M,Guo J

Species
Human

Dilution
Not Cited

Year
2016

Journal of virology

Human Papillomavirus E2 Regulates SRSF3 (SRp20) To Promote Capsid Protein Expression in Infected Differentiated Keratinocytes.

"33-4200 was used in immunohistochemistry - paraffin section and western blot to assess regulation of SRSF3 (SRp20) to promote capsid protein expression in infected differentiated keratinocytes by human papillomavirus E2"

Authors: Klymenko T,Hernandez-Lopez H,MacDonald AI,Bodily JM,Graham SV

Species
Not Applicable

Dilution
1:250

Year
2016

More applications with references on thermofisher.com

[IP \(1\)](#) [Misc \(1\)](#) [ICC \(1\)](#) [IF \(2\)](#)

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