

**KD-Validated Anti-SRSF9 Mouse Monoclonal Antibody**  
**Mouse monoclonal antibody**  
**Catalog # AGI1953****Specification****KD-Validated Anti-SRSF9 Mouse Monoclonal Antibody - Product Information**

Application	WB, FC, ICC
Primary Accession	<a href="#">Q13242</a>
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Mouse IgG2b
Calculated MW	Predicted, 26 kDa, observed, 26 kDa kDa
Gene Name	SRSF9
Aliases	SRSF9; Serine And Arginine Rich Splicing Factor 9; Splicing Factor, Arginine/Serine-Rich 9; Serine/Arginine-Rich Splicing Factor 9; SRp30c; SFRS9; Pre-mRNA-Splicing Factor SRp30C; SR Splicing Factor 9; SRP30C
Immunogen	Recombinant protein of human SRSF9

**KD-Validated Anti-SRSF9 Mouse Monoclonal Antibody - Additional Information**

Gene ID	8683
<b>Other Names</b>	Serine/arginine-rich splicing factor 9, Pre-mRNA-splicing factor SRp30C, Splicing factor, arginine/serine-rich 9, SRSF9, SFRS9, SRP30C

**KD-Validated Anti-SRSF9 Mouse Monoclonal Antibody - Protein Information****Name** SRSF9**Synonyms** SFRS9, SRP30C**Function**

Plays a role in constitutive splicing and can modulate the selection of alternative splice sites. Represses the splicing of MAPT/Tau exon 10.

**Cellular Location**

Nucleus. Note=Cellular stresses such as heat shock may induce localization to discrete nuclear bodies termed SAM68 nuclear bodies (SNBs), HAP bodies, or stress bodies. Numerous splicing factors including SRSF1/SFRS1/SF2, SRSF7/SFRS7, SAFB and KHDRBS1/SAM68 accumulate at these structures, which may participate in the post- transcriptional regulation of mRNAs in stressed cells

**Tissue Location**

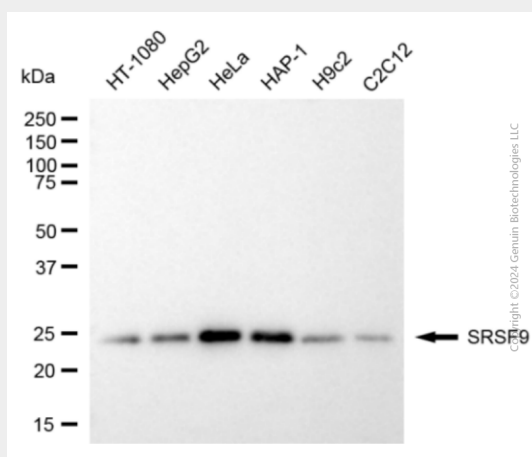
Expressed at high levels in the heart, kidney, pancreas and placenta, and at lower levels in the brain, liver, lung and skeletal muscle.

## KD-Validated Anti-SRSF9 Mouse Monoclonal Antibody - Protocols

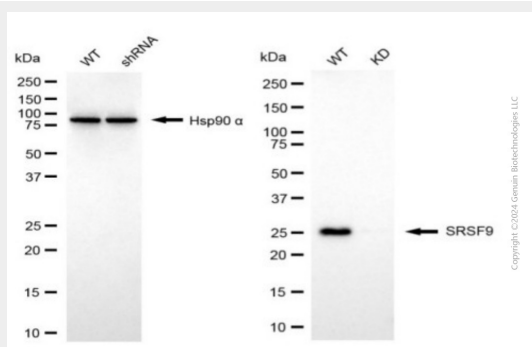
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

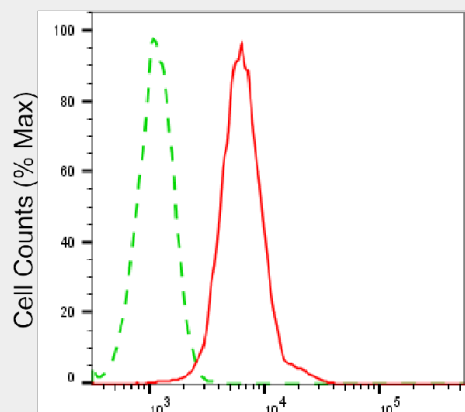
## KD-Validated Anti-SRSF9 Mouse Monoclonal Antibody - Images



Western blotting analysis using anti-SRSF9 antibody (Cat#AGI1953). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-SRSF9 antibody (Cat#AGI1953, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



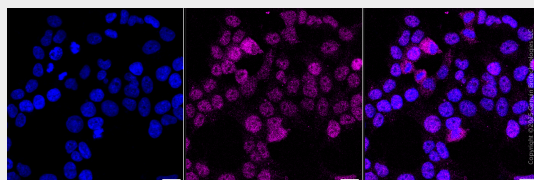
Western blotting analysis using anti-SRSF9 antibody (Cat#AGI1953). SRSF9 expression in wild type (WT) and SRSF9 knockdown (KD) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-SRSF9 antibody (Cat#AGI1953, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



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SRSF9-Alexa Fluor® 647

Flow cytometric analysis of SRSF9 expression in HeLa cells using anti-SRSF9 antibody (Cat#AGI1953, 1:2,000). Green, isotype control; red, SRSF9.



Immunocytochemical staining of HeLa cells with anti-SRSF9 antibody (Cat#AGI1953, 1:1,000). Nuclei were stained blue with DAPI; SRSF9 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and Smart Gain□Low. Scale bar, 20 μm.