

SF2 Conjugated Antibody

Catalog No: #C49851



Package Size: #C49851-AF350 100ul #C49851-AF405 100ul #C49851-AF488 100ul

#C49851-AF555 100ul #C49851-AF594 100ul #C49851-AF647 100ul

#C49851-AF680 100ul #C49851-AF750 100ul #C49851-Biotin 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	SF2 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Alternative splicing factor 1 antibody Alternative-splicing factor 1 antibody arginine/serine-rich 1 antibody ASF 1 antibody ASF antibody ASF-1 antibody ASF1 antibody FLJ53078 antibody MGC5228 antibody P33 subunit antibody Pre mRNA splicing factor SF2 P33 subunit antibody pre-mRNA-splicing factor SF2 antibody Serine/arginine-rich splicing factor 1 antibody SF2 antibody SF2P33 antibody SFRS1 antibody Splicing factor 2 alternate splicing factor antibody Splicing factor 2 antibody Splicing factor antibody Splicing factor arginine/serine rich 1 antibody SR Splicing factor 1 antibody SRp30a antibody srsf1 antibody SRSF1_HUMAN antibody
Accession No.	Swiss-Prot#:Q07955
Uniprot	Q07955
GeneID	6426;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

Pre-mRNA splicing enhancer elements are short RNA sequences capable of activating weak splice sites in nearby introns that are required for accurate splice site recognition and the control of alternative splicing. Splicing enhancer elements contain specific binding sites for serine/arginine (SR)-rich splicing factors, which include SC35, 9G8, SRp20, and SF2/ASF. The family of SR factors all contain one or more RNA recognition motifs (RRM) and an arginine/serine (RS)-rich domain. They are not only essential for constitutive splicing but also regulate splicing in a concentration-dependent manner by influencing the selection of alternative splice sites. The majority of SR proteins, including SC35 and SRp40, are confined to the nucleus, while SF2/ASF, SRp20, and 9G8 are continuously shuttled between the nucleus and the cytoplasm and contribute to mRNA transport. The activity of SR proteins in regulated splicing is antagonized by members of the hnRNP A/B family of proteins, which induce drastic shifts in the selection of splicing sites.

Note: This product is for in vitro research use only