

Rabbit SF2 Monoclonal Antibody | anti-SF2 antibody

SF2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30465	Rabbit	Human, Mouse, Rat	Western Blot, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Flow Cytometry, Functional Assay

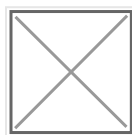
PRODUCT SYNONYMS

SF2; Monoclonal Antibody; SF2 Antibody; 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; anti-SF2 antibody

PRODUCT SPECIFICATIONS

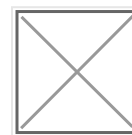
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	JB40-76
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-SF2 antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Application Notes	WB: 1:500-1:1000 IHC: 1:50-1:200 ICC: 1:50 FC/FACS: 1:50-1:100
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



FCM (Flow Cytometry)

Flow cytometric analysis of K562 cells with SF2 antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



ICC (Immunocytochemistry)

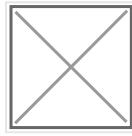
ICC staining SF2 in A431 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

**IHC (Immunohistochemistry)**

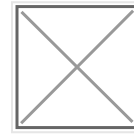
Immunohistochemical analysis of paraffin-embedded rat epididymis tissue using anti-SF2 antibody. Counter stained with hematoxylin.

**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded mouse colon tissue using anti-SF2 antibody. Counter stained with hematoxylin.

**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded human breast tissue using anti-SF2 antibody. Counter stained with hematoxylin.

**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-SF2 antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-SF2 antibody	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.
Product Categories/Family for anti-SF2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	730773
NCBI GeneID	6426
UniProt Accession #	Q07955 ; Q13809 ; B2R6Z7 ; D3DTZ3
Molecular Weight	Observed MW: 30kDa Calculated MW: 22kDa/27kDa/31kDa
NCBI Official Full Name	Serine/arginine-rich splicing factor 1
NCBI Official Synonym Full Names	serine/arginine-rich splicing factor 1
NCBI Official Symbol	SRSF1
NCBI Official Synonym Symbols	ASF; SF2; SFRS1; SF2p33; SRp30a
NCBI Protein Information	serine/arginine-rich splicing factor 1; splicing factor 2; SR splicing factor 1; alternative-splicing factor 1; pre-mRNA-splicing factor SF2, P33 subunit; splicing factor, arginine/serine-rich, 30-KD, A
UniProt Protein Name	Serine/arginine-rich splicing factor 1
UniProt Gene Name	SRSF1
UniProt Synonym Gene Names	ASF; SF2; SF2P33; SFRS1; ASF-1
UniProt Entry Name	SRSF1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

