

Anti-SF2 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

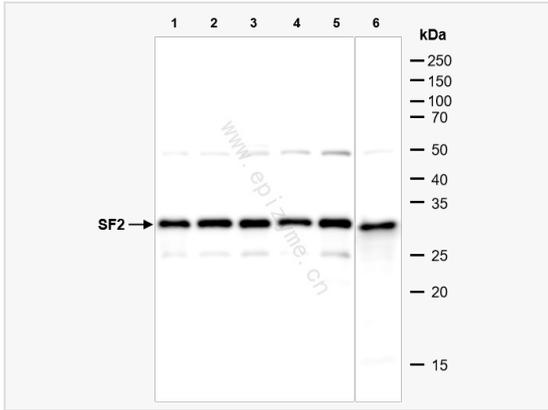
Catalog # R013265

Product Information

Application	ELISA, IF (Cell)/ICC, WB, IHC-P/IF (Tissue-P)
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	52M36M95
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human SF2
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-SF2 Rabbit mAb [52M36M95] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	Alternative splicing factor 1, Alternative-splicing factor 1, arginine/serine-rich 1, ASF 1, ASF, ASF-1, ASF1, FLJ53078, MGC5228, P33 subunit, Pre mRNA splicing factor SF2 P33 subunit, pre-mRNA-splicing factor SF2, Serine/arginine-rich splicing factor 1, SF2, SF2P33, SFRS1, Splicing factor 2 alternate splicing factor, Splicing factor 2, Splicing factor, Splicing factor arginine/serine rich 1, SR Splicing factor 1, SRp30a, srsf1, SRSF1_HUMAN.
Calculated MW	Calculated MW: 28 kDa; Observed MW: 28 kDa
Uniprot ID	Q07955
Gene ID	6426
Background	This gene encodes a member of the arginine/serine-rich splicing factor protein family. The encoded protein can either activate or repress splicing, depending on its phosphorylation state and its interaction partners. Multiple transcript variants have been found for this gene. There is a pseudogene of this gene on chromosome 13. [provided by RefSeq, Jun 2014]
Cellular Location	Cytoplasm. Nucleus speckle. In nuclear speckles. Shuttles between the nucleus and the cytoplasm.



Western Blot - Anti-SF2 Rabbit mAb [52M36M95]

All lanes: R013265 at 1:2,000 dilution

Lane 1: T24 (Human bladder cancer epithelial cell) whole cell lysates

Lane 2: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates

Lane 3: Caco-2 (Human colorectal adenocarcinoma cell) whole cell lysates

Lane 4: U2OS (Human osteosarcoma epithelial cell) whole cell lysates

Lane 5: SW620 (Human colorectal carcinoma epithelial cell) whole cell lysates

Lane 6: Balb/c mouse spleen whole tissue lysates

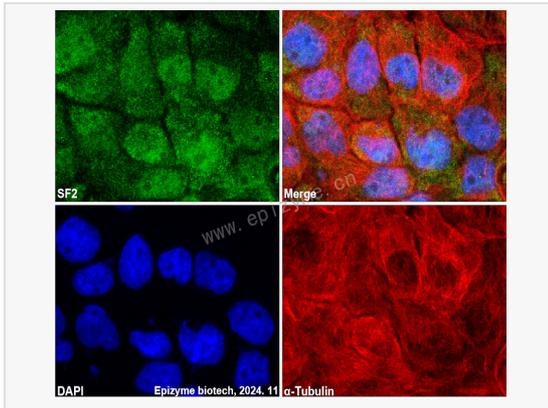
Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 28 kDa

Observed band size: 28 kDa

Developed using the ECL technique (Cat. No. SQ201).



Immunofluorescence - Anti-SF2 Rabbit mAb [52M36M95]

Sample: A431 cells

The cells were fixed with 4% paraformaldehyde (10 min), permeabilized with 0.5% Triton X-100 for 10 minutes and then blocked with 5% BSA in 0.1% PBS-Tween for 0.5 hours.

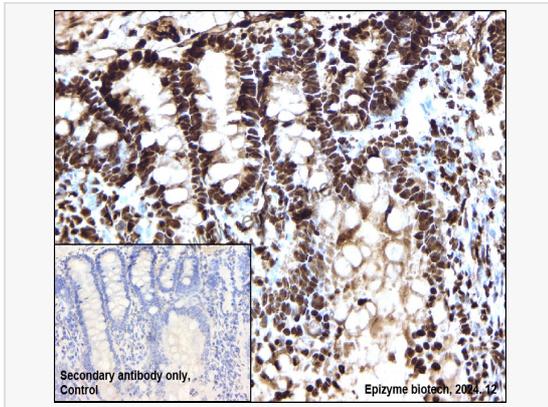
Primary antibodies: R013265 at 1:100 dilution and α -tubulin Mouse Monoclonal

Antibody (Cat. No. LF209) at 1:100 dilution

Secondary antibodies: Goat anti-Rabbit (488) at 1:1,000 dilution (shown in green) and

Goat anti-Mouse (555) at 1:1,000 dilution (shown in red)

Nuclei were stained with DAPI (shown in blue).



Immunohistochemistry - Anti-SF2 Rabbit mAb [52M36M95]

Sample: Paraformaldehyde-fixed, paraffin embedded rat colon tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R013265 at 1:200 dilution

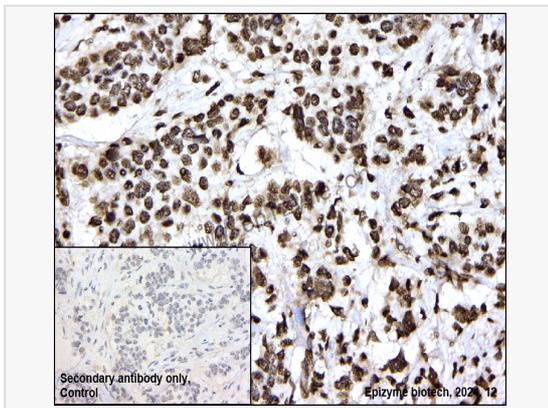
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-SF2 Rabbit mAb [52M36M95]

Sample: Paraformaldehyde-fixed, paraffin embedded human breast cancer tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R013265 at 1:200 dilution

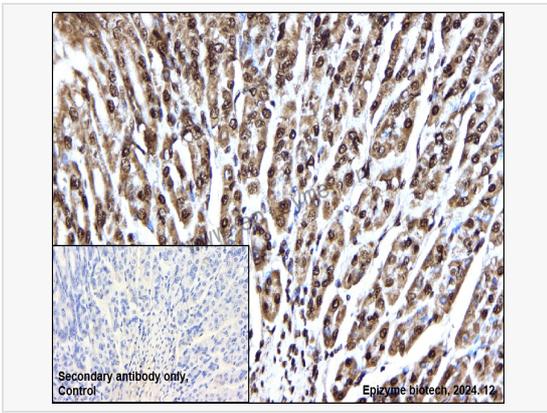
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-SF2 Rabbit mAb [52M36M95]

Sample: Paraformaldehyde-fixed, paraffin embedded mouse stomach tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R013265 at 1:200 dilution

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.