

## Rabbit SF3B1 Monoclonal Antibody | anti-SF3B1 antibody

Recombinant SF3B1 Monoclonal Antibody

|                               |                       |                                            |                                                           |
|-------------------------------|-----------------------|--------------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA178822</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Hamster</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|--------------------------------------------|-----------------------------------------------------------|

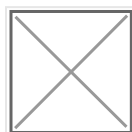
### PRODUCT SYNONYMS

SF3B1; Monoclonal Antibody; Recombinant SF3B1 Monoclonal Antibody; Hsh155; MDS; PRP10; PRPF10; SAP155; SF3b155; anti-SF3B1 antibody

### PRODUCT SPECIFICATIONS

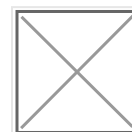
|                                                 |                                                                                                      |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                               |
| Reactivity                                      | Human, Mouse, Hamster                                                                                |
| Clonality                                       | Monoclonal                                                                                           |
| Isotype                                         | IgG                                                                                                  |
| Clone Number                                    | R08-6I2                                                                                              |
| Purity/Purification                             | Affinity Purified                                                                                    |
| Form/Format                                     | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein |
| Concentration                                   | 300ug/mL (varies by lot)                                                                             |
| Applicable Applications for anti-SF3B1 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                        |
| Immunogen                                       | A synthetic peptide of human SF3B1                                                                   |
| Research Area                                   | Cancer, Epigenetics and Nuclear Signaling                                                            |
| Preparation and Storage                         | Storage: -20 degree C/One year. Avoid freeze/thaw cycles.                                            |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of SF3B1 in paraffin-embedded Human lung cancer tissue using SF3B1 Rabbit mAb at dilution 1:50



#### WB (Western Blot)

Western blot detection of SF3B1 in HeLa, CHO-K1, Ramos using SF3B1 Rabbit mAb(1:1000 diluted)

### ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-SF3B1 antibody | This gene encodes subunit 1 of the splicing factor 3b protein complex. Splicing factor 3b, together with splicing factor 3a and a 12S RNA unit, forms the U2 small nuclear ribonucleoproteins complex (U2 snRNP). The splicing factor 3b/3a complex binds pre-mRNA upstream of the intron's branch site in a sequence independent manner and may anchor the U2 snRNP to the pre-mRNA. Splicing factor 3b is also a component of the minor U12-type spliceosome. The carboxy-terminal two-thirds of subunit 1 have 22 non-identical, tandem HEAT repeats that form rod-like, helical structures. Alternative splicing results in multiple transcript variants encoding different isoforms. |
| Product Categories/Family for anti-SF3B1 antibody   | <a href="#">Antibodies</a> ; <a href="#">Primary Antibodies</a> ; <a href="#">Recombinant Antibody</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                         |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 54112117                                                                                                                                                                                |
| NCBI GeneID                      | 23451                                                                                                                                                                                   |
| NCBI Accession #                 | NP_036565.2                                                                                                                                                                             |
| NCBI GenBank Nucleotide #        | NM_012433.2                                                                                                                                                                             |
| UniProt Accession #              | O75533; E9PCH3                                                                                                                                                                          |
| Molecular Weight                 | 16,020 Da                                                                                                                                                                               |
| NCBI Official Full Name          | splicing factor 3B subunit 1 isoform 1                                                                                                                                                  |
| NCBI Official Synonym Full Names | splicing factor 3b, subunit 1, 155kDa                                                                                                                                                   |
| NCBI Official Symbol             | SF3B1                                                                                                                                                                                   |
| NCBI Official Synonym Symbols    | MDS; PRP10; Hsh155; PRPF10; SAP155; SF3b155                                                                                                                                             |
| NCBI Protein Information         | splicing factor 3B subunit 1; SAP 155; pre-mRNA processing 10; spliceosome-associated protein 155; splicing factor 3b, subunit 1, 155kD; pre-mRNA splicing factor SF3b, 155 kDa subunit |
| UniProt Protein Name             | Splicing factor 3B subunit 1                                                                                                                                                            |
| UniProt Gene Name                | SF3B1                                                                                                                                                                                   |
| UniProt Synonym Gene Names       | SAP155; SF3b155; SAP 155                                                                                                                                                                |
| UniProt Entry Name               | SF3B1_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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/sf3b1-antibody-clone-r08-6i2-immunohistochemistry-western-blot-elisa/178822>