

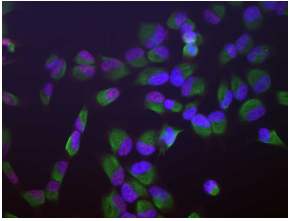
## Anti-SF3B4 Antibody [3A1] (A85417)

### Specifications:

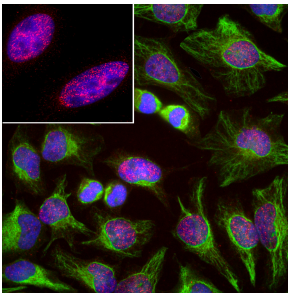
Name:	Anti-SF3B4 Antibody [3A1]
Description:	Mouse monoclonal (3A1) antibody to SF3B4.
Applications:	WB, ICC/IF, IHC
Recommended Dilutions:	WB: 1:1,000, ICC/IF: 1:1,000, IHC: 1:1,000
Reactivity:	Human, Rat, Mouse
Immunogen:	Recombinant full-length human SF3B4, expressed in and purified from E. coli.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	3A1
Isotype:	IgG2b
Conjugate:	Unconjugated
Purification:	Immunogen affinity purification.
Concentration:	1 mg/ml
Molecular Weight:	49 kDa
Product Form:	Liquid
Formulation:	Supplied in Phosphate Buffered Saline with 50% Glycerol and 5mM Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
General Notes:	This antibody is an excellent marker of nuclei and can be used to monitor the nuclear fraction in biochemical experiments.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

## Anti-SF3B4 Antibody [3A1] (A85417)

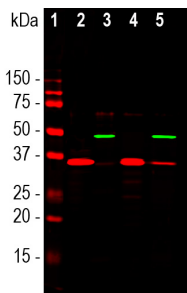
### Images:



Human HeLa cells stained with Anti-SF3B4 Antibody (red), Anti-Vimentin Antibody (A85421) | green) and DNA (blue, stained with DAPI). The Anti-SF3B4 Antibody reveals strong granular nuclear staining which is a little different from the DNA stain and presumably reflects splicosomal complexes. The Anti-Vimentin Antibody stains the cytoplasmic intermediate filament network of the HeLa cells.



Immunofluorescent analysis of HeLa cells stained with Anti-SF3B4 Antibody [3A1] (A85417), at a dilution of 1:1,000, in red, and co-stained with Anti-Vimentin Antibody (A85421), at a dilution of 1:10,000, in green. The blue is DAPI staining of nuclear DNA. The Anti-SF3B4 Antibody [3A1] (A85417) reveals strong granular staining of the nuclei, while the Anti-Vimentin Antibody (A85421) specifically labels cytoplasmic intermediate filaments.



Western blot analysis of different cell lysates, cytosol or nuclear enriched fractions, using Anti-SF3B4 Antibody [3A1] (A85417), at a dilution of 1:1,000, in green. The lanes contain samples of: [1] Protein standards, in red, [2] NIH-3T3 cytosolic fraction, [3] NIH-3T3 nuclear fraction, [4] HeLa cytosolic, and [5] HeLa nuclear fractions. The strong single band at 49 kDa represents the SF3B4 protein, which is expressed exclusively in the nuclei. The same blot was simultaneously probed with Anti-GAPDH Antibody (A85377), at a dilution of 1:20,000, in red. The 37 kDa band corresponds to the GAPDH protein, detected mainly in the cytosolic fractions of these cells.



Blots of HeLa cell crude extract stained with Anti-SF3B4 Antibody. SF3B4 runs with an apparent SDS-PAGE molecular weight 49 kDa.