

Anti-Splicing Factor SF3B4 Monoclonal Antibody

Catalog Number: M06414

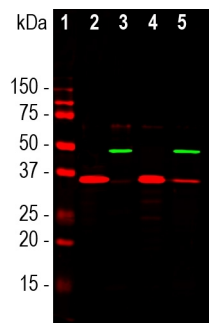
Overview

Product Name	Anti-Splicing Factor SF3B4 Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Splicing Factor SF3B4 Monoclonal Antibody catalog # M06414. Tested in IF, IHC, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	IF, IHC, WB
Clonality	Monoclonal
Formulation	Purified antibody at 1mg/mL in 50% PBS, 50% glycerol plus 5mM NaN ₃
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	Q15427

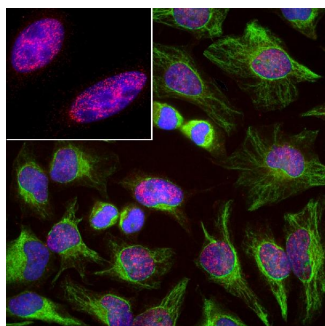
Technical Details

Immunogen	Full length recombinant human SF3B4 expressed in and purified from E. coli
Isotype	IgG2b
Concentration	0.5-1mg/ml, actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: WB: 1:1,000. IF/ICC and IHC: 1:1,000

Anti-Splicing Factor SF3B4 Monoclonal Antibody (M06414) Images



Western blot analysis of different cell lysates, cytosol or nuclear enriched fractions, using mouse mAb to splicing factor SF3B4, M06414, dilution 1:1,000 in green: [1] protein standard (red), [2] NIH-3T3 cytosolic fraction [3] NIH-3T3 nuclear fraction [4] HeLa cytosolic and [5] HeLa nuclear fractions. Strong single band at 49kDa represents the SF3B4 protein, which is expressed exclusively in the nuclei. The same blot was simultaneously probed with rabbit pAb to GAPDH, dilution 1:20,000, in red. The 37kDa band corresponds to the GAPDH protein, detected mainly in the cytosolic fractions of these cells.



Immunofluorescent analysis of HeLa cells stained with mouse mAb to splicing factor SF3B4, M06414, dilution 1:1,000 in red, and costained with chicken pAb to vimentin, dilution 1:10,000, in green. The blue is DAPI staining of nuclear DNA. The M06414 antibody reveals strong granular

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