

## Anti-NSUN2 Antibody (Monoclonal, 34N90)

Catalog Number: M03878

### About NSUN2

NOP2/Sun domain family, member 2 is a protein that in humans is encoded by the NSUN2 gene. This gene encodes a methyltransferase that catalyzes the methylation of cytosine to 5-methylcytosine (m5C) at position 34 of intron-containing tRNA(Leu)(CAA) precursors. This modification is necessary to stabilize the anticodon-codon pairing and correctly translate the mRNA. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.

### Overview

Product Name	Anti-NSUN2 Antibody (Monoclonal, 34N90)
Reactive Species	Human, Monkey, Mouse
Description	Boster Bio Anti-NSUN2 Antibody (Monoclonal, 34N90) catalog # M03878. Tested in WB, IHC, IF, ICC/IF, IP applications. This antibody reacts with Human, Mouse, Monkey.
Application	IP, IF, IHC, ICC, WB
Clonality	Monoclonal 34N90
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
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	Rabbit
Uniprot ID	Q08J23

### Technical Details

Immunogen	Recombinant protein within human NSUN2 aa 3-765.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-200 Immunofluorescence, 1:50-200

Immunocytochemistry/Immunofluorescence, 1:50-200  
ImmunoPrecipitation, 1:50

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