

## Anti-NSUN3 Antibody (Monoclonal, 35N16)

Catalog Number: M16002

### About NSUN3

NSUN3 (NOL1/NOP2/Sun domain family, member 3), also known as MST077, is a 340 amino acid protein that belongs to the methyltransferase superfamily and is thought to function as an S-adenosyl-L-methionine-dependent methyltransferase. The gene encoding NSUN3 maps to human chromosome 3, which houses over 1,100 genes, including a chemokine receptor (CKR) gene cluster and a variety of human cancer-related gene loci. Key tumor suppressing genes on chromosome 3 include those that encode the apoptosis mediator RASSF1, the cell migration regulator HYAL1 and the angiogenesis suppressor SEMA3B. Marfan syndrome, porphyria, von Hippel-Lindau syndrome, osteogenesis imperfecta and Charcot-Marie-Tooth disease are a few of the numerous genetic diseases associated with chromosome 3

### Overview

Product Name	Anti-NSUN3 Antibody (Monoclonal, 35N16)
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-NSUN3 Antibody (Monoclonal, 35N16) catalog # M16002. Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IF, IHC, ICC, WB
Clonality	Monoclonal 35N16
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	Q9H649

### Technical Details

Immunogen	Recombinant protein within human NSUN3 aa 3-338.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.

Suggested Dilutions

Western blot, 1:500-2000  
Immunohistochemistry, 1:50-200  
Immunocytochemistry/Immunofluorescence, 1:50-200  
Flow Cytometry (Fixed), 1:50-200

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For Research Use Only. Not for use in diagnostic procedures.