

## Anti-GPNMB Antibody (Monoclonal, 35G24)

Catalog Number: M02439-4

### About GPNMB

Transmembrane glycoprotein NMB is a protein that in humans is encoded by the GPNMB gene. It is mapped to 6 B2.3; 6 23.82 cM. The protein encoded by this gene is a type I transmembrane glycoprotein which shows homology to the pMEL17 precursor, a melanocyte-specific protein. GPNMB shows expression in the lowly metastatic human melanoma cell lines and xenografts but does not show expression in the highly metastatic cell lines. GPNMB may be involved in growth delay and reduction of metastatic potential. Two transcript variants encoding different isoforms have been found for this gene.

### Overview

Product Name	Anti-GPNMB Antibody (Monoclonal, 35G24)
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-GPNMB Antibody (Monoclonal, 35G24) catalog # M02439-4. 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 35G24
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	Q14956

### Technical Details

Immunogen	Recombinant protein within human GPNMB aa 3-496.
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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