
Product Name: GPNMB Rabbit Monoclonal Antibody**Catalog #: AMRe87543**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,ICC/IF 1:200-1:500,FC 1:200-1:500
Molecular Weight	Calculated MW:64 kDa; Observed MW:95,120 kDa

Antigen Information

Gene Name	GPNMB
Alternative Names	NMB; HGFIN; PLCA3
Gene ID	10457
SwissProt ID	Q14956
Immunogen	Recombinant protein of human GPNMB

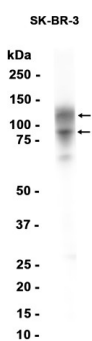
Background

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. [provided by RefSeq, Jul 2008]

Research Area

Image Data



Western blot analysis of extracts from SK-BR-3 cells using GPNMB Rabbit Monoclonal Antibody at 1:1000.