GPNMB rabbit monoclonal antibody

Catalog # H00010457-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human GPNMB peptide using ARM Technology.
Immunogen	A synthetic peptide of human GPNMB is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human GPNMB peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — GPNMB

Entrez GeneID	10457
GeneBank Accession#	GPNMB
Gene Name	GPNMB
Gene Alias	HGFIN, NMB
Gene Description	glycoprotein (transmembrane) nmb
Omim ID	604368
Gene Ontology	Hyperlink
Gene Summary	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
Other Designations	glycoprotein NMB|glycoprotein nmb-like protein|osteoactivin|transmembrane glycoprotein

Disease

- Tobacco Use Disorder