G-Biosciences Image not found or type unknown

Immunotag™ GPNMB Polyclonal Antibody

Antibody Specification

Catalog No.	ITN2202
Product Description	Immunotag™ GPNMB Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	GPNMB
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human,Rat,Mouse
Host Species	Rabbit
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	GPNMB Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	GPNMB HGFIN NMB UNQ1725/PRO9925
Accession No.	Q14956 Q99P91 Q6P7C7

Antibody Specification

Description	glycoprotein nmb(GPNMB) Homo sapiens 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],
Protein Expression	Brain,Liver,Melanoma,Peripheral blood,Skin,
Subcellular Localization	plasma membrane,integral component of plasma membrane,integral component of membrane,melanosome,
Protein Function	developmental stage:Expression in poorly metastatic melanoma cell lines; no expression in highly metastatic melanoma cell lines.,function:Could be a melanogenic enzyme.,similarity:Belongs to the Pmel-17/NMB family.,similarity:Contains 1 PKD domain.,subcellular location:Identified by mass spectrometry in melanosome fractions from stage I to stage IV.,tissue specificity:Not restricted to the melanocytic lineage.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.