

For Research Use Only

GPNMB Polyclonal antibody

Catalog Number: 27037-1-AP



Basic Information

Catalog Number: 27037-1-AP	GenBank Accession Number: BC011595	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 ug/ml by Nanodrop;	GeneID (NCBI): 10457	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q14956	
Isotype: IgG	Full Name: glycoprotein (transmembrane) nmb	
Immunogen Catalog Number: AG25826	Calculated MW: 64 kDa	
	Observed MW: 120 kDa, 95 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : TT cells, L-929 cells
Species Specificity: human	

Background Information

GPNMB also known as HGFIN, osteoactivin, and DC-HIL, is a type I membrane glycoprotein involved in various biological processes, including inflammation, invasion and metastasis of malignant tumors, cell differentiation, and tissue regeneration. 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 acts as an osteogenic factor that stimulates osteoblast differentiation in vivo and in vitro.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1%BSA**

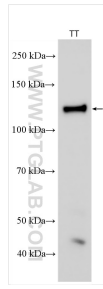
For technical support and original validation data for this product please contact:

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Selected Validation Data



TT cells were subjected to SDS PAGE followed by western blot with 27037-1-AP (GPNMB antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.