

Mouse anti-Human GPNMB Monoclonal Antibody | anti-GPNMB antibody

GPNMB Antibody

CATALOG # AAA312065	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	----------------------	----------------------------	---

PRODUCT SYNONYMS

GPNMB; Monoclonal Antibody; GPNMB Antibody; Glycoprotein (transmembrane) nmb antibody; Glycoprotein nmb antibody; Glycoprotein nmb like protein antibody; Gpnmb antibody; GPNMB_HUMAN antibody; HGFIN antibody; NMB antibody; Osteoactivin antibody; Transmembrane glycoprotein antibody; Transmembrane glycoprotein HGFIN antibody; Transmembrane glycoprotein NMB antibody; anti-GPNMB antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Clone Number	E5-C10
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-GPNMB antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



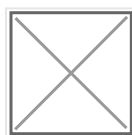
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human esophagus cancer tissue using anti-GPNMB antibody. Counter stained with hematoxylin.



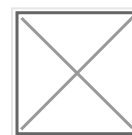
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast cancer tissue using anti-GPNMB antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of GPNMB on PANC-1 and PC-3 cell lysate using anti-GPNMB antibody at 1/1, 000 dilution.



WB (Western Blot)

Western blot analysis of GPNMB on HEK293 (1) and GPNMB-hlgGfc transfected HEK293 (2) cell lysate using anti-GPNMB antibody at 1/1, 000 dilution.



WB (Western Blot)

Western blot analysis of GPNMB on human GPNMB recombinant protein using anti-GPNMB antibody at 1/1, 000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-GPNMB antibody	Transmembrane glycoprotein NMB (GPNMB), also designated hematopoietic growth factor inducible neurokinin-1 (HGFIN), is a single-pass type I membrane protein. Belonging to the Pmel-17/NMB family of proteins, GPNMB acts as a melanogenic enzyme. GPNMB expression is not restricted to cells of melanocytic lineage and is highest in poorly metastatic melanoma cell lines. There is no expression of GPNMB in highly metastatic melanoma cell lines. GPNMB may play a important role in lymphohematopoietic stem cell maturation.
Product Categories/Family for anti-GPNMB antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	52694752
NCBI GeneID	10457
NCBI Accession #	NP_001005340.1
NCBI GenBank Nucleotide #	NM_001005340.1
UniProt Accession #	Q14956; Q6UVX1; Q8N1A1; A4D155
Molecular Weight	62,643 Da
NCBI Official Full Name	transmembrane glycoprotein NMB isoform a
NCBI Official Synonym Full Names	glycoprotein (transmembrane) nmb
NCBI Official Symbol	GPNMB
NCBI Official Synonym Symbols	NMB; HGFIN
NCBI Protein Information	transmembrane glycoprotein NMB; glycoprotein nmb-like protein; osteoactivin; transmembrane glycoprotein HGFIN
UniProt Protein Name	Transmembrane glycoprotein NMB
UniProt Gene Name	GPNMB
UniProt Synonym Gene Names	HGFIN; NMB
UniProt Entry Name	GPNMB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/gpnmb-antibody-clone-e5-c10-immunohistochemistry-western-blot-elisa/312065>