

GPNMB monoclonal antibody

Catalog: MB21720

Host: Mouse

Reactivity: Human

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.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

64kDa

Swiss-Prot:

Q14956

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1/500 - 1/2000 IHC:1/200 - 1/1000

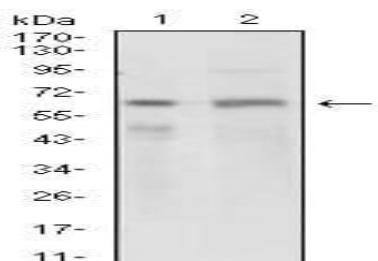
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

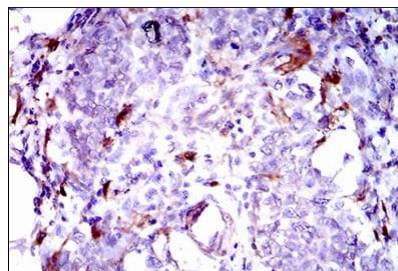
Isotype:

Mouse IgG1

DATA:



Western blot analysis using GPNMB mouse mAb against PANC1 (1) and PC-3 (2) cell lysate.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissues using GPNMB mouse mAb with DAB staining.

Note:

For research use only, not for use in diagnostic procedure.

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