

## PRODUCT INFORMATION

<b>Clone ID</b>	11G4
<b>Target</b>	GPNMB
<b>Synonyms</b>	HGFIN;NMB;PLCA3
<b>Host Species</b>	Rabbit
<b>Description</b>	PE-conjugated Anti-GPNMB antibody(11G4), IgG1 Chimeric mAb
<b>Delivery</b>	Under Development
<b>Uniprot ID</b>	Q14956
<b>IgG type</b>	Rabbit/Human Fc chimeric IgG1
<b>Clonality</b>	Monoclonal
<b>Reactivity</b>	Human
<b>Applications</b>	Flow Cyt
<b>Recommended Dilutions</b>	Flow Cyt 1:100
<b>Purification</b>	Purified from cell culture supernatant by affinity chromatography
<b>Formulation &amp; Reconstitution</b>	Liquid□PBS with 0.05% Proclin300, 1% BSA
<b>Storage &amp; Shipping</b>	Store at 2°C-8°C for 6 months

**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.

**Usage** Research use only

**Conjugate** PE-conjugated

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