PRODUCT INFORMATION

Target	GPNMB
Description	Monoclonal Cell Line Derived from CHO-S Cells, Engineered for Stable Expression of Human GPNMB Using Lentiviral Technology
Host Cells	CHO-S
Uniprot ID	Q14956
Applications	FACS Data
Growth media	DMEM+10% FBS+1% P.S+Gln+2 ug/mL Puromycin
Package	5E6 Cells/mL
Suggested Control	SKU: BME100194
Warranty and Disclaimer	1. Please inspect cells upon receipt and report any issues promptly. 2. We offer one-time replacements for issues reported within a week of receipt. 3. User-induced issues are not eligible for free replacements. 4. We do not accept liability for damages resulting from cell use, storage, or loss. 5. Feedback received more than one month after receipt will not be processed.
Storage & Shipping	Cells are shipped using dry ice and require liquid nitrogen storage for long term preservation.
Synonyms	HGFIN;NMB;PLCA3
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	For research use only.

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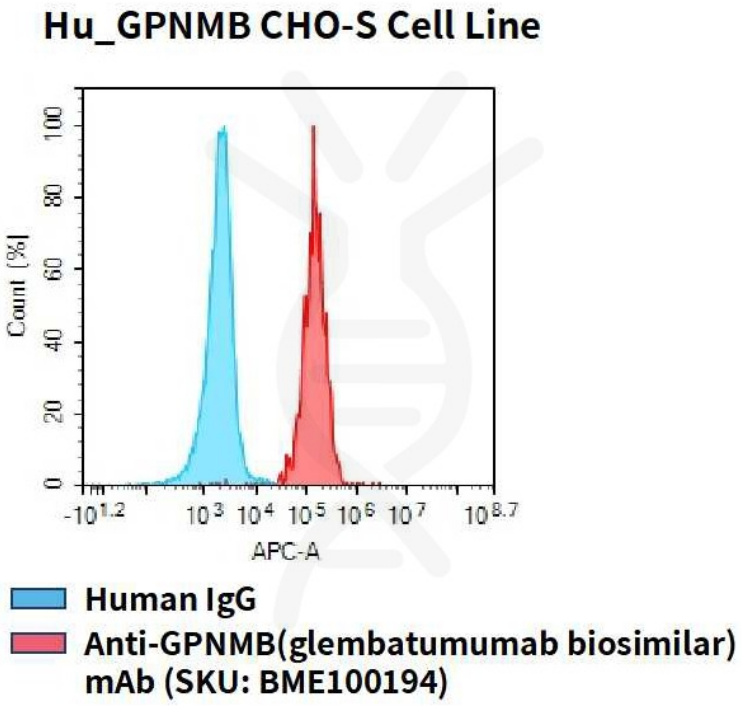

Figure 1. Flow cytometry analysis of human GPNMB overexpression using Hu_GPNMB CHO-S Cell Line (Cat. No. CEL100061) and Anti-GPNMB(glembatumumab biosimilar) mAb (Cat. No. BME100194)

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