

Anti-GPNMB hlgG2 Antibody(glembatumumab)

Product information

GM-87688AB-10	10 µg
GM-87688AB-100	100 µg
GM-87688AB-1000	1 mg

Antibody Information

Species Reactivity	Human;
Clone	glembatumumab
Source/Isotype	Monoclonal human IgG2, κ
Application	Bioactivity-ELISA
Specificity	Detects GPNMB
Gene	GPNMB
Other Names	HGFIN, NMB, PLCA3
Gene ID	10457 (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.
Storage	Store at 2-8°C short term (1-2 weeks).Store at ≤ -20°C long term. Avoid repeated freeze-thaw.
Formulation	Phosphate-buffered solution, pH 7.2.
Endotoxin	< 1 EU/mg, determined by LAL gel clotting assay

Data Examples

Bioactivity-ELISA

Human GPNMB Protein; His Tag (Catalog # GM-87633RP) was immobilized at 1 µg/ml (100 µL/well). Increasing concentrations of Anti-GPNMB hlgG2 Antibody(glebatumumab) (Catalog # GM-87688AB) were added.

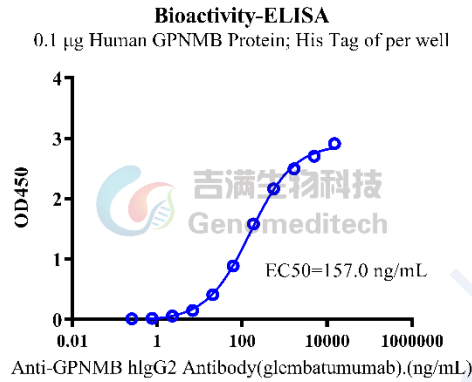


Fig. assay

Bioactivity-ELISA

Biotinylated Human GPNMB Protein; His-Avi Tag (Catalog # GM-87634RP) was immobilized at 1 µg/ml (100 µL/well) on streptavidin precoated. Increasing concentrations of Anti-GPNMB hlgG2 Antibody (glebatumumab) (Catalog # GM-87688AB) were added.

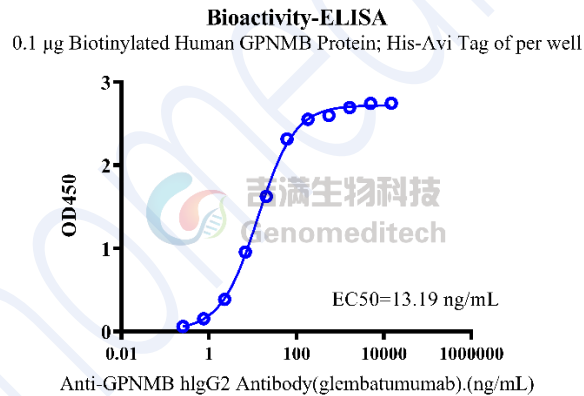


Fig. assay