

## Anti-GPNMB Antibody (Glembatumumab)

### Introduction

Glembatumumab is a fully human IgG2 monoclonal antibody directed against the extracellular domain of GPNMB expressed in human breast cancer and melanoma. Glembatumumab can be conjugated with the microtubule inhibitor monomethyl auristatin E to form Glembatumumab vedotin. Glembatumumab vedotin is an antibody-active molecule conjugate (ADC) with anti-tumor activity.

### Product parameters

Alternative Names	CR011
Target Accession	Q14956
Target	GPNMB
CAS number	1020264-78-1
Molecular Weight	145 kDa
Host	CHO
Reactivity	Human
Conjugation	Unconjugated
Form	Liquid
Concentration	See label
Buffer System	100 mM Pro 20 mM Arg pH 5.0. No preservative!
Clonality	Monoclonal
Purification	Protein A
Isotype	IgG2SA
Application	ELISA, FACS, Kinetics, Functional assay, Animal Model
Biological activity	Immobilized human GPNMB his at 2 ug/mL can bind Anti-GPNMB Antibody (Glembatumumab) , EC50=0.01720 ug/mL.
Endotoxin	Less than 0.1 EU/ug determined by LAL method.
Sterilization	0.2 µM filtered
Reconstitution	For reconstitution, we recommend adding sterile, distilled water to achieve a final antibody concentration. Gently shake it to solubilize the protein completely. Do not vortex.
Shipping	Dry ice
Storage	-80°C
Expiration Date	2 years
Note	Please avoid freeze-thaw cycles.

## ■ Note

1. This product is for scientific research use only.



**APExBIO Technology**

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