

Anti-LGR5 & EGFR Antibody (Petosemtamab)

Introduction

Petosemtamab (MCLA 158) is an anti-EGFR (Kd : 0.22 nM) and antiLGR5 (Kd 0.86 nM) monoclonal antibody (mAb). Petosemtamab leads to EGFR Signal transduction blockade and receptor degradation. Petosemtamab can be used in the study of solid tumors such as head and neck squamous cell carcinoma (HNSCC) and metastatic colorectal cancer (CRC).

Product parameters

Alternative Names	MCLA-158, MCLA158
Target Accession	P00533 & O75473
Target	LGR5 & EGFR
CAS number	2213450-26-9
Molecular Weight	145.97 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	-
Isotype	IgG1
Application	ELISA, FACS, Kinetics, Functional assay, Animal Model
Biological activity	-
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.



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