

## Anti-ERBB1/EGFR/HER1 Antibody (Laprituximab emtansine)

### Introduction

Laprituximab emtansine (IMGN-289) is an anti-EGFR (epidermal growth factor receptor, receptor tyrosine-protein kinase erbB-1, ERBB1, HER1, HER-1, ERBB) chimeric monoclonal antibody linked to the maytansinoid DM1 via succinimidyl-4-(N-maleimidomethyl)cyclohexane-1-carboxylate (SMCC) to form a non-reducible thioether bond.

### Product parameters

Alternative Names	IMGN 289, IMGN-289
Target Accession	P00533
Target	ERBB1 / EGFR / HER1
CAS number	1622327-37-0
Molecular Weight	145 kDa
Host	CHO
Reactivity	Human
Conjugation	DM1
Form	Liquid
Concentration	See label
Buffer System	100 mM Pro 20 mM Arg pH 5.0. No preservative!
Clonality	Monoclonal
Purification	Protein A
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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