

## Anti-IGF1R/CD221 Antibody (Cixutumumab)

### Introduction

Cixutumumab (IMC-A12) is a high-affinity humanized anti-IGF-1R monoclonal antibody that inhibits ligand-dependent receptor activation and downstream signaling. Cixutumumab also mediates internalization and degradation of IGF-IR. Cixutumumab has broad-spectrum anti-tumor activity and can be used in the study of cancers such as lung cancer, malignancies, leukemia, non-small cell lung cancer, and prostate cancer.

### Product parameters

Alternative Names	NSC-742460, NSC 742460
Target Accession	P08069
Target	IGF1R / CD221
CAS number	947687-12-9
Molecular Weight	150 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	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.



**APExBIO Technology**

**[www.apexbt.com](http://www.apexbt.com)**

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: [info@apexbt.com](mailto:info@apexbt.com)

