

Anti-IgE Antibody (Omalizumab)

Introduction

Omalizumab is a recombinant humanized monoclonal antibody against human immunoglobulin E (IgE) with a KD of 0.393 nM. Omalizumab binds to the human FcγRIIb receptor with a KD of 6.37 μM. Omalizumab has the potential to be used in the study of persistent allergic asthma.

Product parameters

Alternative Names	Xolair, rhuMab-E25
Target Accession	P0DOX4
Target	IgE
CAS number	242138-07-4
Molecular Weight	146.46 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.



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