

Anti-IL-5 Antibody (Mepolizumab)

Introduction

Mepolizumab (SB 240563) is a humanized monoclonal antibody that binds and neutralizes interleukin 5 (IL-5), a major cytokine involved in eosinophil proliferation, activation, and survival. Mepolizumab is being studied in eosinophilic granulomatosis with polyangiitis (EGPA) and severe eosinophilic asthma.

Product parameters

Alternative Names	Nucala, SB-240563, Bosatria
Target Accession	P05113
Target	IL-5
CAS number	196078-29-2
Molecular Weight	146.24 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	Immobilized human IL 5 His at 2 ug/mL can bind Anti-IL-5 Antibody (Mepolizumab), EC50=0.1188 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

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

