

## Anti-IL-31Ra Antibody (Nemolizumab)

### Introduction

Nemolizumab (CIM331) is a humanized anti-human interleukin-31 receptor alpha monoclonal antibody that inhibits the binding of interleukin-31 (IL-31) to its receptor and subsequent signal transduction. Nemolizumab can be used in the research of atopic dermatitis (AD).

### Product parameters

Alternative Names	CIM331
Target Accession	Q8NI17
Target	IL-31Ra
CAS number	1476039-58-3
Molecular Weight	144.92 kDa
Host	CHO
Reactivity	Human, Cynomolgus
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	IgG2SA
Application	ELISA, FACS, Kinetics, Functional assay, Animal Model
Biological activity	Immobilized human IL31R His at 2 ug/mL can bind Anti-IL-31Ra Antibody (Nemolizumab), EC50=0.0153 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](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)

