

## Anti-IL-5Ra/ CD125 Reference Antibody (benralizumab)

Recombinant Antibody Catalog # APR10066

## **Product Information**

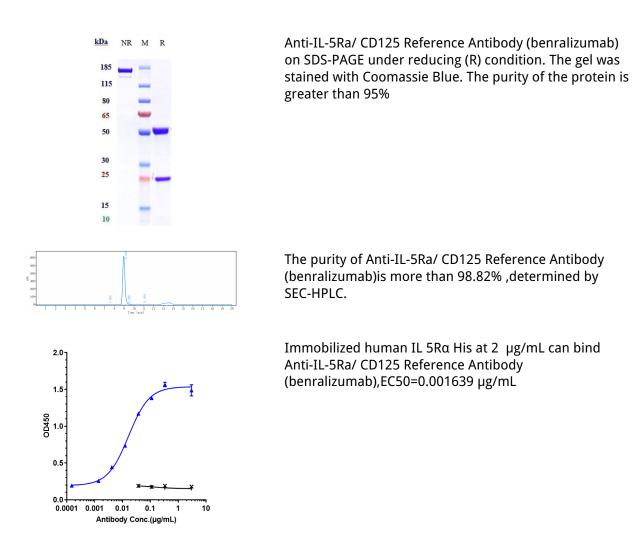
Application	FC, Kinetics, Animal Model
Primary Accession	<u>Q01344</u>
Reactivity	Human, Mouse, Rat, Rabbit
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	47685

## **Additional Information**

Target/Specificity	IL-5Ra/ CD125
Endotoxin Conjugation	Unconjugated
Expression system	CHO Cell
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

## **Protein Information**

Name	IL5RA
Synonyms	IL5R
Function	Cell surface receptor that plays an important role in the survival, differentiation, and chemotaxis of eosinophils (PubMed: <u>9378992</u> ). Acts by forming a heterodimeric receptor with CSF2RB subunit and subsequently binding to interleukin-5 (PubMed: <u>1495999</u> , PubMed: <u>22528658</u> ). In unstimulated conditions, interacts constitutively with JAK2. Heterodimeric receptor activation leads to JAK2 stimulation and subsequent activation of the JAK-STAT pathway (PubMed: <u>9516124</u> ).
Cellular Location	Membrane; Single-pass type I membrane protein.
Tissue Location	Expressed on eosinophils and basophils.
Images	



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