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

Recombinant Antibody
Catalog # APR10066

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	Q01344
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	47685

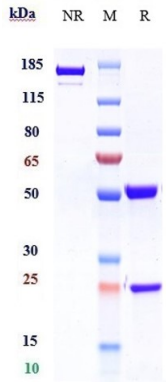
Additional Information

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

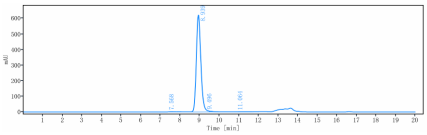
Protein Information

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

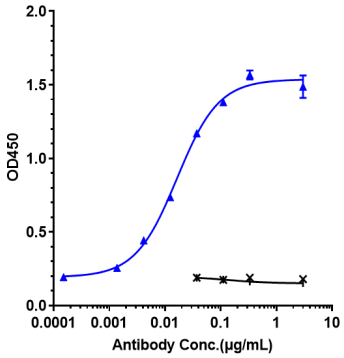
Images



Anti-IL-5Ra/ CD125 Reference Antibody (benralizumab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-IL-5Ra/ CD125 Reference Antibody (benralizumab) is 98.82%, determined by SEC-HPLC.



Immobilized human IL 5Rα His at 2 ug/mL can bind Anti-IL-5Ra/ CD125 Reference Antibody (benralizumab), EC50=0.001639 ug/mL.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.