

# Anti-IL-3Ra / CD123 Reference Antibody (talacotuzumab)

Recombinant Antibody

Catalog # APR10065

## Product Information

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<b>Application</b>	FC, Kinetics, Animal Model
<b>Primary Accession</b>	<a href="#">P26951</a>
<b>Reactivity</b>	Human
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Calculated MW</b>	43330

## Additional Information

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<b>Target/Specificity</b>	IL-3Ra / CD123
<b>Endotoxin</b>	
<b>Conjugation</b>	Unconjugated
<b>Expression system</b>	CHO Cell
<b>Format</b>	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.

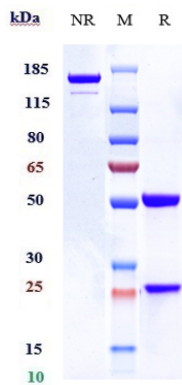
## Protein Information

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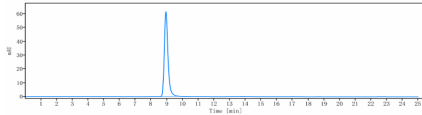
<b>Name</b>	IL3RA ( <a href="#">HGNC:6012</a> )
<b>Synonyms</b>	IL3R
<b>Function</b>	Cell surface receptor for IL3 expressed on hematopoietic progenitor cells, monocytes and B-lymphocytes that controls the production and differentiation of hematopoietic progenitor cells into lineage-restricted cells (PubMed: <a href="#">10527461</a> ). Ligand stimulation rapidly induces heterodimerization with IL3RB, phosphorylation and enzyme activity of effector proteins such as JAK2 and PI3K that play a role in signaling cell proliferation and differentiation. Activation of JAK2 leads to STAT5-mediated transcriptional program (By similarity).
<b>Cellular Location</b>	Cell membrane; Single-pass type I membrane protein

## Images

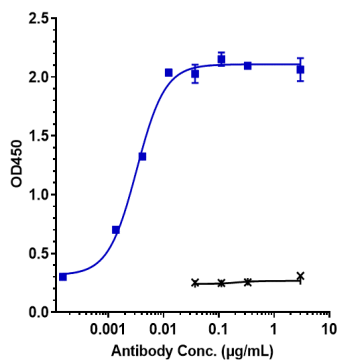
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on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-IL-3Ra / CD123 Reference Antibody (talacotuzumab) is more than 100%, determined by SEC-HPLC.



Immobilized human IL 3Ra His at 2 µg/mL can bind Anti-IL-3Ra / CD123 Reference Antibody (talacotuzumab),  $EC_{50}=0.003253 \mu\text{g/mL}$

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