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

Recombinant Antibody
Catalog # APR10128

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	P26951
Reactivity	Human
Clonality	ADC
Isotype	IgG1
Calculated MW	43330

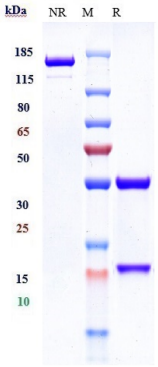
Additional Information

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

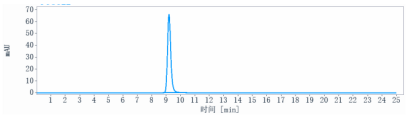
Protein Information

Name	IL3RA (HGNC:6012)
Synonyms	IL3R
Function	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:10527461). Ligand stimulation rapidly induces hetrodimerization 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).
Cellular Location	Cell membrane; Single-pass type I membrane protein

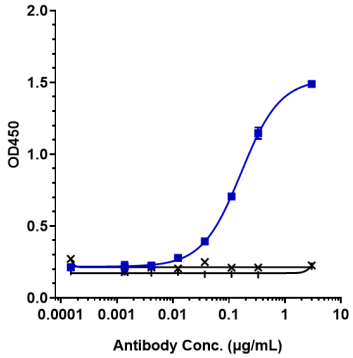
Images



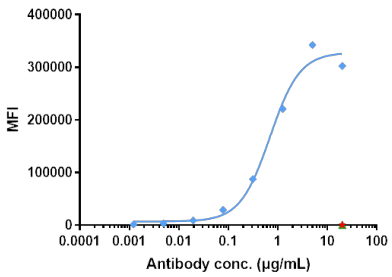
Anti-IL-3Ra / CD123 Reference Antibody (talacotuzumab-MMAE) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-IL-3Ra / CD123 Reference Antibody (talacotuzumab-MMAE) is more than 95%, determined by SEC-HPLC.



Immobilized human IL 3RA FC at 2 ug/mL can bind Anti-IL-3Ra / CD123 Reference Antibody (talacotuzumab-MMAE), EC50 is 0.1647 ug/mL.



Human IL-3Ra / CD123 HEK293 Cell Line cells were stained with Anti-IL-3Ra / CD123 Reference Antibody (talacotuzumab-MMAE) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, The EC50 is 0.69 ug/mL.

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