10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-IL-3Rb / CD131 Reference Antibody (Trabikibart)

Catalog # APR11263

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	P32927
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG4SP
Calculated MW	97336

Additional Information

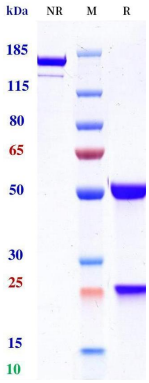
Target/Specificity	IL-3Rb / CD131
Expression system	CHO

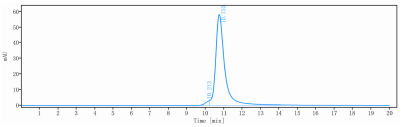
Protein Information

Name	CSF2RB
Synonyms	IL3RB, IL5RB
Function	Cell surface receptor that plays a role in immune response and controls the production and differentiation of hematopoietic progenitor cells into lineage-restricted cells. Acts by forming an heterodimeric receptor through interaction with different partners such as IL3RA, IL5RA or CSF2RA (PubMed:1495999). In turn, participates in various signaling pathways including interleukin-3, interleukin-5 and granulocyte-macrophage colony-stimulating factor/CSF2 pathways. In unstimulated conditions, interacts constitutively with JAK1 and ligand binding leads to JAK1 stimulation and subsequent activation of the JAK- STAT pathway (PubMed:9516124).
Cellular Location	Membrane; Single-pass type I membrane protein.

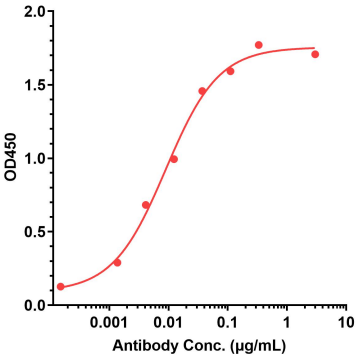
Images

Anti-IL-3Rb / CD131 Reference Antibody (Trabikibart) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.





The purity of Anti-IL-3Rb / CD131 Reference Antibody (Trabikibart) is 97.8%, determined by SEC-HPLC.



Immobilized hu CSF2RB-ECD-His-Biotin at 2 μg/mL can bind Trabikibart, EC50= 0.008951 μg/mL.

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