

IL-6Ra/CD126 recombinant antibody

Anti-IL-6Ra/CD126 Reference Antibody (tocilizumab)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA297393	CHO Cell	Human, Cynomolgus	Functional Assay, Flow Cytometry, Functional Assay, ELISA

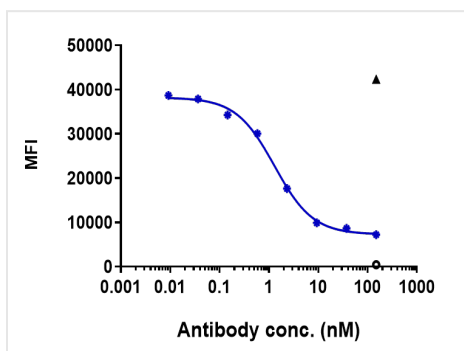
PRODUCT SYNONYMS

IL-6Ra/CD126; Monoclonal Recombinant Antibody; Anti-IL-6Ra/CD126 Reference Antibody (tocilizumab); IL-6Ra/CD126 recombinant antibody

PRODUCT SPECIFICATIONS

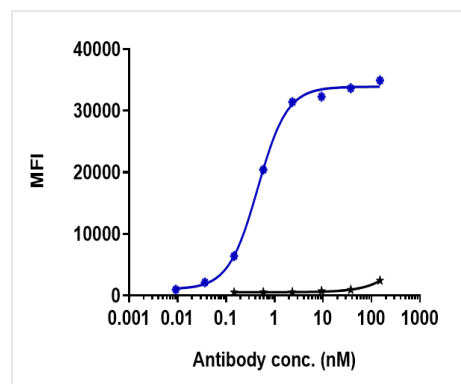
Host	CHO Cell
Reactivity	Human, Cynomolgus
Clonality	Monoclonal
Isotype	IgG1
Specificity	IL-6Ra/CD126
Form/Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.
Concentration	1mg/ml (varies by lot)
Applicable Applications for IL-6Ra/CD126 recombinant antibody	FA (Functional Assay), FCM/FACS (Flow Cytometry), ELISA
Endotoxin	< 0.001EU/ug, determined by LAL method.
Conjugation	Unconjugated
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store at -80 degree C for 2 years under sterile conditions; -20 degree C for 1 year under sterile conditions; Avoid repeated freeze-thaw cycles.

IMAGES



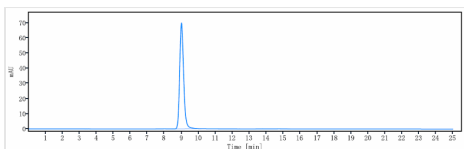
FCM/FACS (Flow Cytometry)

Anti-IL-6Ra / CD126 Reference Antibody (tocilizumab)-induced FACS Blocking activity was evaluated using Human IL-6R CHO cells. The IC50 was approximately 1.303nM.



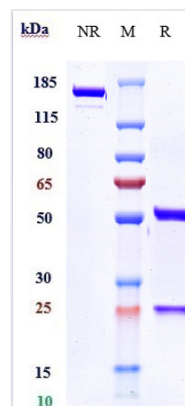
FCM/FACS (Flow Cytometry)

Human IL-6R CHO cells were stained with Anti-IL-6Ra / CD126 Reference Antibody (tocilizumab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC801=0.4525 nM



Application Data

The purity of Anti-IL-6Ra / CD126 Reference Antibody (tocilizumab) is more than 95% ,determined by SEC-HPLC.



SDS-PAGE

Anti-IL-6Ra / CD126 Reference Antibody (tocilizumab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%

ADDITIONAL INFORMATION

Product Categories/Family for IL-6Ra/CD126 recombinant antibody

Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	633863
NCBI GeneID	3570
UniProt Accession #	P08887; Q16202; Q53EQ7; Q5FWG2; Q5VZ23; A8KAE8; B2R6V4
Molecular Weight	51,548 Da
NCBI Official Full Name	Soluble interleukin-6 receptor
NCBI Official Synonym Full Names	interleukin 6 receptor
NCBI Official Symbol	IL6R
NCBI Official Synonym Symbols	IL6Q; gp80; CD126; IL6RA; IL6RQ; IL-6RA; IL-6R-1
NCBI Protein Information	interleukin-6 receptor subunit alpha; IL-6R 1; CD126 antigen; membrane glycoprotein 80; IL-6 receptor subunit alpha
UniProt Protein Name	Interleukin-6 receptor subunit alpha
UniProt Gene Name	IL6R
UniProt Synonym Gene Names	IL-6 receptor subunit alpha; IL-6R subunit alpha; IL-6R-alpha; IL-6RA; gp80
UniProt Entry Name	IL6RA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/il-6ra-cd126-recombinant-antibody-functional-assay-flow-cytometry-elisa/297393>