

CSF2Ra/GM-CSFRa/CD116 recombinant antibody

Anti-CSF2Ra/GM-CSFRa/CD116 Reference Antibody (mavrilimumab)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA296790	CHO Cell	Human, Cynomolgus	Functional Assay, Flow Cytometry, Functional Assay, ELISA

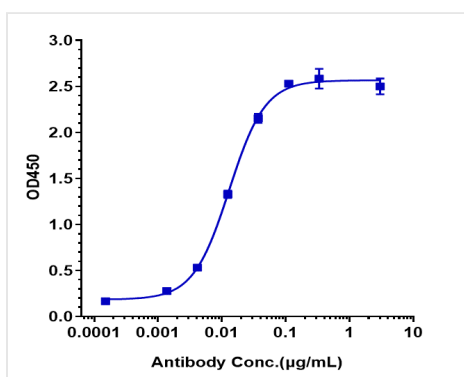
PRODUCT SYNONYMS

CSF2Ra/GM-CSFRa/CD116; Monoclonal Recombinant Antibody; Anti-CSF2Ra/GM-CSFRa/CD116 Reference Antibody (mavrilimumab); CSF2Ra/GM-CSFRa/CD116 recombinant antibody

PRODUCT SPECIFICATIONS

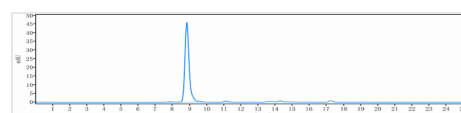
Host	CHO Cell
Reactivity	Human, Cynomolgus
Clonality	Monoclonal
Isotype	IgG4
Specificity	CSF2Ra/GM-CSFRa/CD116
Form/Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.
Concentration	1mg/ml (varies by lot)
Applicable Applications for CSF2Ra/GM-CSFRa/CD116 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



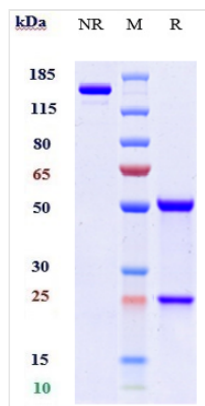
Application Data

Immobilized human CD116 His at 2 ug/mL can bind Anti-CSF2Ra / GM-CSFRa / CD116 Reference Antibody (mavrilimumab), EC50=0.01299ug/mL



Application Data

The purity of Anti-CSF2Ra / GM-CSFRa / CD116 Reference Antibody (mavrilimumab) is more than 96.17%, determined by SEC-HPLC.



SDS-PAGE

Anti-CSF2Ra / GM-CSFRa / CD116 Reference Antibody (mavrilimumab) 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 CSF2Ra/GM-CSFRa/CD116 recombinant antibody	Primary Antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	238908515
NCBI GeneID	1438
NCBI Accession #	NP_001155001.1
NCBI GenBank Nucleotide #	NM_001161529.1
UniProt Accession #	P15509; O00207; Q14429; Q14430; Q14431; Q16564; A7J003; A8KAM1; B4DW68; J3JS76
Molecular Weight	46,207 Da
NCBI Official Full Name	granulocyte-macrophage colony-stimulating factor receptor subunit alpha isoform a
NCBI Official Synonym Full Names	colony stimulating factor 2 receptor, alpha, low-affinity (granulocyte-macrophage)
NCBI Official Symbol	CSF2RA
NCBI Official Synonym Symbols	GMR; CD116; CSF2R; SMDP4; CDw116; CSF2RX; CSF2RY; GMCSFR; CSF2RAX; CSF2RAY; GM-CSF-R-alpha
NCBI Protein Information	granulocyte-macrophage colony-stimulating factor receptor subunit alpha; GMR-alpha; GMCSFR-alpha; CD116 antigen; GM-CSF receptor alpha subunit; colony stimulating factor 2 receptor alpha subunit; granulocyte-macrophage colony-stimulating factor receptor a
UniProt Protein Name	Granulocyte-macrophage colony-stimulating factor receptor subunit alpha
UniProt Gene Name	CSF2RA
UniProt Synonym Gene Names	CSF2R; CSF2RY; GM-CSF-R-alpha; GMCSFR-alpha; GMR-alpha
UniProt Entry Name	CSF2R_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.