Recombinant Anti-Human CSF2RA Antibody Fragment scFv, CD116

Cat. No. MOM-18096-S(P) **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant antibody Fragment scFv to CSF2RA.
Species	Human
Antigen Description	Low affinity receptor for granulocyte-macrophage colony-stimulating factor. Transduces a signal that results in the proliferation, differentiation, and functional activation of hematopoietic cells.
Target	CSF2RA
Immunogen	Human GM-CSF Receptor alpha transfected COS cells.
Expression Host	E.coli
Type	scFv
Clone	CD116
Conjugation	His tagged
Applications	Suitable for use in ELISA, western blot, immunohistochemistry, flow cytometry, immunoaffinity purification and most other immunological methods.
Storage	Store it under sterile conditions at -20 ºC upon receiving. Recommend to pack the

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	protein into smaller quantities for optimal storage.
Stability	Samples are stable for up to twelve months from date of receipt at -20ºC and are stable for six months at 4 ºC.
Background	Introduction Monoclonal antibody Fragment binds to CSF2RA, for treatment of rheumatoid arthritis.

GENE INFORMATION

Gene Name	CSF2RA colony stimulating factor 2 receptor, alpha, low-affinity (granulocyte-macrophage) [Homo sapiens]
Official Symbol	CSF2RA
Synonyms	CSF2RA; colony stimulating factor 2 receptor, alpha, low-affinity (granulocyte-macrophage); GMR; CD116; CSF2R; SMDP4; CDw116; CSF2RX; CSF2RY; GMCSFR; CSF2RAX; CSF2RAY; GM-CSF-R-alpha; 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 alpha chain
Gene ID	1438
mRNA Refseq	NM_001161529
Protein Refseq	NP_001155001
MIM	306250
UniProt ID	P15509

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Chromosome Location	Xp22.32 and Yp11.3
Pathway	Cytokine Signaling in Immune system; Cytokine-cytokine receptor interaction; Hematopoietic cell lineage; Immune System; Interleukin receptor SHC signaling; Interleukin-2 signaling; Interleukin-3, 5 and GM-CSF signaling;
Function	cytokine receptor activity; receptor activity

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