

CSF2RA rabbit monoclonal antibody

Catalog # H00001438-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CSF2RA peptide using ARM Technology.
Immunogen	A synthetic peptide of human CSF2RA is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human CSF2RA peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — CSF2RA

Entrez GeneID	1438
GeneBank Accession#	CSF2RA
Gene Name	CSF2RA
Gene Alias	CD116, CDw116, CSF2R, CSF2RAX, CSF2RAY, CSF2RX, CSF2RY, GM-CSF-R-alpha, GMC SFR, GMR, MGC3848, MGC4838
Gene Description	colony stimulating factor 2 receptor, alpha, low-affinity (granulocyte-macrophage)
Omim ID	306250 425000
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is the alpha subunit of the heterodimeric receptor for colony stimulating factor 2, a cytokine which controls the production, differentiation, and function of granulocytes and macrophages. The encoded protein is a member of the cytokine family of receptors. This gene is found in the pseudoautosomal region (PAR) of the X and Y chromosomes. Multiple transcript variants encoding different isoforms have been found for this gene, with some of the isoforms being membrane-bound and others being soluble. [provided by RefSeq]
Other Designations	CD116 antigen GM-CSF receptor alpha subunit OTTHUMP00000014504 OTTHUMP00000014505 OTTHUMP00000014917 OTTHUMP00000014918 colony stimulating factor 2 receptor alpha chain colony stimulating factor 2 receptor alpha subunit granulocyte-macrophage colony-stimu

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Hematopoietic cell lineage](#)
- [Jak-STAT signaling pathway](#)
- [Pathways in cancer](#)

Disease

- [Genetic Predisposition to Disease](#)

- [Schizophrenia](#)