

CSF3R rabbit monoclonal antibody

Catalog # H00001441-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CSF3R peptide using ARM Technology.
Immunogen	A synthetic peptide of human CSF3R 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 CSF3R 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 — CSF3R

Entrez GeneID	1441
GeneBank Accession#	CSF3R
Gene Name	CSF3R
Gene Alias	CD114, GCSFR
Gene Description	colony stimulating factor 3 receptor (granulocyte)
Omim ID	138971
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is the receptor for colony stimulating factor 3, a cytokine that controls the production, differentiation, and function of granulocytes. The encoded protein, which is a member of the family of cytokine receptors, may also function in some cell surface adhesion or recognition processes. Four transcript variants encoding four different isoforms have been found for this gene, with three of the isoforms being membrane-bound and the other being secreted and soluble. Mutations in this gene are a cause of Kostmann syndrome, also known as severe congenital neutropenia. [provided by RefSeq]
Other Designations	CD114 antigen OTTHUMP00000009703 OTTHUMP00000009704 OTTHUMP00000009705 colony stimulating factor 3 receptor granulocyte colony stimulating factor receptor

Pathway

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

Disease

- [Acute Disease](#)
- [Anemia](#)

- [Asthma](#)
- [Bronchiolitis](#)
- [Cell Transformation](#)
- [Chronic Disease](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [Infant](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Myelodysplastic Syndromes](#)
- [Neutropenia](#)
- [Respiratory Syncytial Virus Infections](#)