

## Anti-GCSF Receptor (CD114) Monoclonal Antibody

Catalog Number: M00281

### About CSF3R

C3 plays a central role in the activation of the complement system. Its processing by C3 convertase is the central reaction in both classical and alternative complement pathways. After activation C3b can bind covalently, via its reactive thioester, to cell surface carbohydrates or immune aggregates.

### Overview

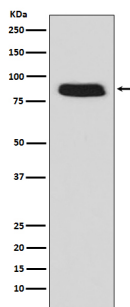
|                      |                                                                                                                                                         |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name         | Anti-GCSF Receptor (CD114) Monoclonal Antibody                                                                                                          |
| Reactive Species     | Human                                                                                                                                                   |
| Description          | Boster Bio Anti-GCSF Receptor (CD114) Monoclonal Antibody catalog # M00281. Tested in WB, Flow Cytometry applications. This antibody reacts with Human. |
| Application          | Flow Cytometry, WB                                                                                                                                      |
| Clonality            | Monoclonal ACFC-3                                                                                                                                       |
| Formulation          | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.                                     |
| Storage Instructions | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.              |
| Host                 | Rabbit                                                                                                                                                  |
| Uniprot ID           | Q99062                                                                                                                                                  |

### Technical Details

|                     |                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen           | A synthesized peptide derived from human GCSF Receptor (CD114) Receptor for granulocyte colony-stimulating factor (CSF3), essential for granulocytic maturation. Plays a crucial role in the proliferation, differentiation and survival of cells along the neutrophilic lineage. In addition it may function in some adhesion or recognition events at the cell surface. |
| Isotype             | Rabbit IgG                                                                                                                                                                                                                                                                                                                                                                |
| Form                | Liquid                                                                                                                                                                                                                                                                                                                                                                    |
| Concentration       | Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.                                                                                                                                                                                                                                                                              |
| Purification        | Affinity-chromatography                                                                                                                                                                                                                                                                                                                                                   |
| Suggested Dilutions | Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.<br>If the expected range of concentration is unknown, a pilot test should be conducted to decide the                                                                                                                                                          |

optimal dilution ratio for your samples.  
Some PubMed article(s) citing the expression level of this target are as follows:  
Boster Bio's internal QC testing used:  
WB 1:500-1:2000  
FC 1:200

## Anti-GCSF Receptor (CD114) Monoclonal Antibody (M00281) Images



Western blot analysis of GCSF Receptor (CD114) expression in Caco-2 cell lysate.

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