

## CD116 Monoclonal Antibody

### Description

|                                |   |
|--------------------------------|---|
| <b>Product type</b>            | Antibody  |
| <b>Code</b>                    | BT-MCA4812  |
| <b>Host</b>                    | Mouse   |
| <b>Isotype</b>                 | Mouse IgG2a   |
| <b>Size</b>                    | 100µL, 50µL   |
| <b>Immunogen</b>               | Purified recombinant fragment of human CD116 (AA: extra 23-320) expressed in E. Coli.                             |
| <b>Mol wt</b>                  | 46.2kDa   |
| <b>Species reactivity</b>      | Human   |
| <b>Clonality</b>               | Monoclonal  |
| <b>Recommended application</b> | IHC   |
| <b>Concentration</b>           | N/A   |
| <b>Full name</b>               | N/A   |
| <b>Synonyms</b>                | CSF2RA;GMR;CSF2R;SMDP4;CDw116;CSF2RX;CSF2RY;GMCSFR;CSF2RAX;CSF2RAY;alphaGMR;GMR-alpha;GMCSFR-alpha;GM-CSF-R-alpha |

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

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.

### Recommended Dilution

WB: 1:500 - 1:2000 (recombinant protein )

IHC-p: 1:200 - 1:1000

ELISA: 1:10000

Not yet tested in other applications.

### Images

No images.

### Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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