

## CD116/GM-CSFRalpha Monoclonal Antibody

CAB23001

### Description

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This CD116/GM-CSFRalpha Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

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|----------------------|--|
| <b>SKU:</b>          | CAB23001   |
| <b>Contents:</b>     | 20 µL, 100 µL<br>Bradford Reagent: 1 vial (2ml)  |
| <b>Category:</b>     | Monoclonal Antibody  |
| <b>Synonyms:</b>     | GMR, CD116, CSF2R, SMDP4, CDw116, CSF2RX, CSF2RY, GMCSFR, CSF2RAX, CSF2RAY, alphaGMR, GMR-alpha, GMCSFR-alpha, GM-CSF-R-alpha, CD116/GM-CSFRα                    |
| <b>Clone:</b>        | ARC59284   |
| <b>Applications:</b> | <span style="background-color: #e91e63; color: white; padding: 2px;">WB</span> <span style="background-color: #42a5f5; color: white; padding: 2px;">ELISA</span> |
| <b>Conjugation:</b>  | Unconjugated   |
| <b>Reactivity:</b>   | Human  |

### Antibody Data

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|                       |                                     |
|-----------------------|-------------------------------------|
| <b>Gene ID:</b>       | 1438                                |
| <b>Uniprot:</b>       | -                                   |
| <b>Host Species:</b>  | Rabbit                              |
| <b>Purification:</b>  | Affinity purification               |
| <b>Observed MW:</b>   | 70-80 kDa                           |
| <b>Calculated MW:</b> | 27kDa/33kDa/38kDa/44kDa/46kDa/50kDa |

## Preparation & Storage

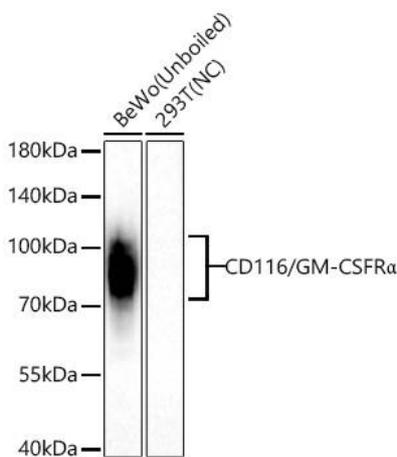
**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.  
Store Bradford Reagent at Room Temperature for 1 Year.

**Positive Sample:** BeWo

|                               |              |   |
|-------------------------------|--------------|---|
| <b>Recommended Dilutions:</b> | <b>WB</b>    | 1:1000 - 1:5000   |
|                               | <b>ELISA</b> | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

## Validation Data



Western blot analysis of various lysates using /GM-CSFRα Rabbit mAb (CAB23001) at 1:1000 dilution incubated at room temperature for 1.5 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Negative control (NC): 293T. Exposure time: 20 s.