

Anti-Hu CD116 Purified CSF2RA Monoclonal Antibody

Catalog Number: M04432

About CSF2RA

CD116 (GM-CSF R alpha) is the low affinity receptor for granulocyte-macrophage colony-stimulating factor (GM-CSF). CD116 heterodimerizes with CD131, the common beta chain subunit shared with IL-3 and IL5- receptors, to form the high affinity GM-CSF receptor. CD116 is expressed by myeloid cells including macrophages, neutrophils, eosinophils, dendritic cells, and their precursors, as well as on endothelial cells. It is being used as a specific marker of myeloid leukemias.

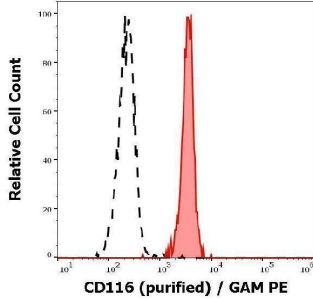
Overview

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|----------------------|--|
| Product Name | Anti-Hu CD116 Purified CSF2RA Monoclonal Antibody |
| Reactive Species | Human |
| Description | Boster Bio Anti-Hu CD116 Purified CSF2RA Monoclonal Antibody (Catalog# M04432). Tested in Flow Cytometry, IP, WB, IHC-F, MC (CyTOF) application(s). This antibody reacts with Human. |
| Application | Flow Cytometry, IP, IHC-F, WB, CyTOF |
| Clonality | Monoclonal 4H1 |
| Formulation | Tris buffered saline (TBS), pH 8.0, 15 mM sodium azide |
| Storage Instructions | Store at 2-8°C. Do not freeze. |
| Host | Mouse |
| Uniprot ID | P15509 |

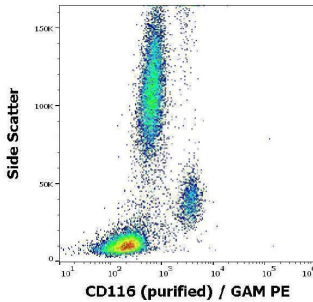
Technical Details

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| Immunogen | CD116-transfected COS cells. The mouse monoclonal antibody 4H1 recognizes an extracellular epitope of human CD116, the GM-CSF receptor alpha subunit (approx. 80 kDa) expressed e.g. by neutrophils, eosinophils, monocytes and macrophages. |
| Predicted Reactive Species | Primate |
| Cross Reactivity | This antibody does not cross-react with Thy-1.1 alloantigen. |
| Isotype | Mouse IgG1 kappa |
| Form | Liquid |
| Concentration | 1 mg/ml |
| Purification | Purified by protein-A affinity chromatography. |
| Suggested Dilutions | Flow cytometry: 1-4 ug/ml. |

Anti-Hu CD116 Purified CSF2RA Monoclonal Antibody (M04432) Images



Separation of human monocytes (red-filled) from lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD116 (4H1) purified antibody (concentration in sample 3 µg/ml) GAM PE.



Flow cytometry surface staining pattern of human peripheral blood stained using anti-human CD116 (4H1) purified antibody (concentration in sample 3 µg/ml) GAM PE.

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