

# CD16 Antibody, anti-human, VioBlue<sup>®</sup>, REAfinity<sup>™</sup>

Order no. 130-113-396

100 tests in 200 µL

One test corresponds to labeling of 10<sup>6</sup> cells in a final volume of 100 µL (applies only to flow cytometry).

For research use only

## Product format

Reagents are supplied in buffer containing stabilizer and 0.05% sodium azide.

## Storage

Store protected from light at 2–8 °C. Do not freeze.

## Warnings

Reagents contain sodium azide. Under acidic conditions sodium azide yields hydrazoic acid, which is extremely toxic. Azide compounds should be diluted with running water before discarding. These precautions are recommended to avoid deposits in plumbing where explosive conditions may develop.

<b>Clone</b>	REA423
<b>Clonality</b>	monoclonal
<b>Isotype</b>	recombinant human IgG1
<b>Isotype control</b>	REA Control Antibody (S), human IgG1
<b>Host</b>	human cell line
<b>Type of antibody</b>	Primary antibodies, Recombinant antibodies
<b>Species reactivity</b>	human, non-human primate
<b>Cross-reactivity</b>	rhesus monkey ( <i>Macaca mulatta</i> ), cynomolgus monkey ( <i>Macaca fascicularis</i> ), capuchin monkey, chimpanzee ( <i>Pan troglodytes</i> ), common marmoset ( <i>Callithrix jacchus</i> ), cotton-top tamarin ( <i>Saguinus oedipus</i> ), olive baboon ( <i>Papio anubis</i> ), pigtail monkey ( <i>Macaca nemestrina</i> ), squirrel monkey ( <i>Saimiri sciureus</i> )
<b>Antigen</b>	CD16
<b>Alternative names of antigen</b>	FCGR3A, FCGR3B, FcR-10, IGFR3, IMD20, FcRIII
<b>Molecular mass of antigen [kDa]</b>	48
<b>Distribution of antigen</b>	NK cells, monocytes, granulocytes

## Applications

### Flow cytometry

Dilution: 1:50

Cells should be stained prior to fixation, if formaldehyde is used as a fixative.

Tested: QC tested

Protocol: [Cell surface flow cytometry staining protocol \(PBS/EDTA/BSA 1:50\)](#)

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**Miltenyi Biotec B.V. & Co. KG** | Friedrich-Ebert-Straße 68 | 51429 Bergisch Gladbach | Germany  
Phone +49 2204 8306-0 | Fax +49 2204 85197 | [macsde@miltenyi.com](mailto:macsde@miltenyi.com) | [www.miltenyibiotec.com](http://www.miltenyibiotec.com)

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