

## APC Anti-Human CD32 (FcγRII) Antibody

|                           |                     |
|---------------------------|---------------------|
| <b>Catalog Number:</b>    | 109811, 109812      |
| <b>Size:</b>              | 25 tests, 100 tests |
| <b>Target Name:</b>       | CD32, FcγRII, FCRII |
| <b>Regulatory Status:</b> | RUO                 |

### PRODUCT DETAILS

---

|                               |                                                                                                                                                                                                                        |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Clone:</b>                 | IV.3                                                                                                                                                                                                                   |
| <b>Application:</b>           | Flow Cytometry                                                                                                                                                                                                         |
| <b>Reactivity:</b>            | Human                                                                                                                                                                                                                  |
| <b>Format:</b>                | APC                                                                                                                                                                                                                    |
| <b>Isotype:</b>               | Mouse IgG2b                                                                                                                                                                                                            |
| <b>Antibody Type:</b>         | Monoclonal                                                                                                                                                                                                             |
| <b>Formulation:</b>           | Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA                                                                                                                                  |
| <b>Protein Concentration:</b> | Supplied at a lot-specific concentration.                                                                                                                                                                              |
| <b>Storage&amp;Handling:</b>  | The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze.                                                                                   |
| <b>Recommended Usage:</b>     | For flow cytometric staining, it is recommended to use 5 uL of this reagent per 0.5-1.0 million cells in a 100 μL volume. Optimal reagent performance should be determined by titration for each specific application. |
| <b>Excitation Laser:</b>      | Red Laser (633 nm)                                                                                                                                                                                                     |

### BACKGROUND INFORMATION

---

CD32 is a ~40-kDa polymorphic transmembrane glycoprotein belonging to the immunoglobulin superfamily. Also known as FcγRII or FCRII, it is expressed on a wide variety of immune and blood cells including B cells, monocytes/macrophages, granulocytes, platelets, and it has also been detected on natural killer (NK) cells. There are multiple isoforms of CD32 (at least six produced by alternative mRNA splicing). In humans, the major functional subtypes are CD32A and CD32C (activating) and CD32B (inhibitory).