

## FITC Anti-Human CD32 Antibody[FLI8.26]

**Catalog Number:** AN01066C

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

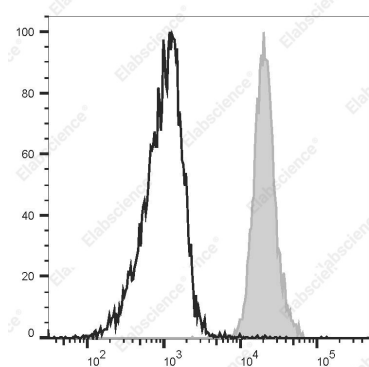
|                                |                                                                                                                                                          |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reactivity</b>              | Human                                                                                                                                                    |
| <b>Host</b>                    | Mouse                                                                                                                                                    |
| <b>Isotype</b>                 | Mouse IgG2b, κ                                                                                                                                           |
| <b>Clone No.</b>               | FLI8.26                                                                                                                                                  |
| <b>Isotype Control</b>         | FITC Mouse IgG2b, κ Isotype Control[MPC-11] [Product E-AB-F09812C]                                                                                       |
| <b>Conjugation</b>             | FITC                                                                                                                                                     |
| <b>Conjugation Information</b> | FITC is designed to be excited by the Blue laser (488 nm) and detected using an optical filter centered near 530 nm (e.g., a 525/40 nm bandpass filter). |
| <b>Storage Buffer</b>          | Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.                                                                                        |

### Applications

### Recommended usage

|            |                                                                                                                                                                                                                                                                                                                                                                                     |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>FCM</b> | Each lot of this antibody is quality control tested by flow cytometric analysis. <b>The amount of the reagent is suggested to be used 5 μL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood).</b> Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Data



Staining of normal human peripheral blood cells with FITC Anti-Human CD32 Antibody[FLI8.26] (filled gray histogram) or FITC Mouse IgG2b, κ Isotype Control (empty black histogram). Cells in the granulocytes gate were used for analysis.

### Preparation & Storage

|                 |                                                                                                                                                           |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>  | Keep as concentrated solution.<br>This product can be stored at 2-8°C for 24 months. Please protected from prolonged exposure to light and do not freeze. |
| <b>Shipping</b> | Ice bag                                                                                                                                                   |

### Antigen Information

|                        |                                                                |
|------------------------|----------------------------------------------------------------|
| <b>Alternate Names</b> | CD32a;FcγRIIa;FCGR2A;CD32b;FcγRIIb;FCGR2B;CD32c;FcγRIIc;FCGR2C |
| <b>Uniprot ID</b>      | P12318;P31994;P31995                                           |
| <b>Gene ID</b>         | 2212;2213;9103                                                 |

### For Research Use Only

## Background

The FLI8.26 monoclonal antibody specifically recognizes CD32 which is also known as Fcγ receptor type II (FcγRII). CD32 is a type I transmembrane glycoprotein that serves as a low affinity receptor for aggregated IgG. The FLI8.26 antibody recognizes a, b, and c forms of CD32 that are encoded by separate genes: CD32a/FcγRIIa (FCGR2A), CD32b/FcγRIIb (FCGR2B), and CD32c/FcγRIIc (FCGR2C). These forms are differentially expressed on monocytes, granulocytes, T cells, B cells, NK cells, or platelets. These receptors play various roles in mediating and regulating inflammation and immunity including phagocytosis, cytotoxicity, degranulation, or platelet activation.

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