

## PerCP/Cyanine5.5 Anti-Human CD371 Antibody[50C1]

Catalog Number: GFH00320J

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

### Description

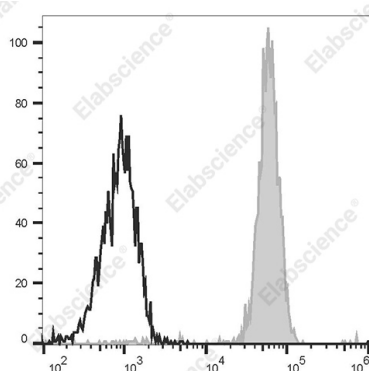
|                         |                                                                                                                                                                      |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                |
| Host                    | Mouse                                                                                                                                                                |
| Isotype                 | Mouse IgG2a, κ                                                                                                                                                       |
| Clone No.               | 50C1                                                                                                                                                                 |
| Isotype Control         | PerCP/Cyanine5.5 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792J]                                                                                       |
| Conjugation             | PerCP/Cyanine 5.5                                                                                                                                                    |
| Conjugation Information | PerCP/Cyanine5.5 is designed to be excited by the blue laser (488 nm) and detected using an optical filter centered near 675 nm (e.g., a 690/50 nm bandpass filter). |
| Storage Buffer          | Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide.                                                                                                  |

### Applications

### Recommended usage

|     |                                                                                                                                                                                                                                                                                                                                                                                     |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FCM | 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 PerCP/Cyanine5.5 Anti-Human CD371 Antibody[50C1] (filled gray histogram) or PerCP/Cyanine5.5 Mouse IgG2a, κ Isotype Control (empty black histogram). Cells in the monocytes gate were used for analysis.

### Preparation & Storage

|          |                                                                                                                                                           |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Storage  | Keep as concentrated solution.<br>This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze. |
| Shipping | Ice bag                                                                                                                                                   |

### Antigen Information

|                 |                                                                |
|-----------------|----------------------------------------------------------------|
| Alternate Names | CLL1;M1CL;CLL-1;DCAL-2;C-type lectin domain family 12 member A |
| Uniprot ID      | Q5QGZ9                                                         |
| Gene ID         | 160364                                                         |

### For Research Use Only

## Background

CD371 (CLEC12A), also known as DCAL-2, MICL or CLL-1, is a 30 kD type II transmembrane protein with extracellular C-type lectin domains, belonging to the C-type lectin family. It is expressed on monocytes, granulocytes, NK cells, and basophils. Its cytoplasmic ITIM motif modulates signaling cascades and is involved in phosphorylation of tyrosine residues in MAP kinases.