

## PE Anti-Human CD371 Antibody[50C1]

Catalog Number: GFH00320D

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

### Description

|                         |                                                                                                                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                             |
| Host                    | Mouse                                                                                                                                                                                             |
| Isotype                 | Mouse IgG2a, $\kappa$                                                                                                                                                                             |
| Clone No.               | 50C1                                                                                                                                                                                              |
| Isotype Control         | PE Mouse IgG1, $\kappa$ Isotype Control[MOPC-21] [Product E-AB-F09792D]                                                                                                                           |
| Conjugation             | PE                                                                                                                                                                                                |
| Conjugation Information | PE is designed to be excited by the Blue (488 nm), Green (532 nm) and Yellow-Green (561 nm) lasers and detected using an optical filter centered near 575 nm (e.g., a 585/42 nm bandpass filter). |
| Storage Buffer          | Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide.                                                                                                                               |

### Applications

#### Recommended usage

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
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| 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 <math>\mu</math>L of antibody per test (million cells in 100 <math>\mu</math>L staining volume or per 100 <math>\mu</math>L of whole blood).</b> Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. |
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### Preparation & Storage

|          |                                                                                                                                                           |
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| 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

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|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Alternate Names | CLL1;M1CL;CLL-1;DCAL-2;C-type lectin domain family 12 member A                                                                                                                                                                                                                                                                                                                       |
| Gene ID         | 160364                                                                                                                                                                                                                                                                                                                                                                               |
| Background      | CD371 (CLEC12A), also known as DCAL-2, M1CL 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. |