

## PerCP/Cyanine5.5 Anti-Human CD86 Antibody[BU63]

|                    |  |                     |       |
|--------------------|--|---------------------|-------|
| <b>Catalog No.</b> | E-AB-F1012J                                | <b>Reactivity</b>   | Human |
| <b>Storage</b>     | Store at 2~8°C, Avoid freeze / thaw cycles | <b>Applications</b> | FCM   |

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

### Antigen Information

|                        |   |
|------------------------|---|
| <b>Alternate Names</b> | T-lymphocyte activation antigen CD86,Cd86,Activation B7-2 antigen,Early T-cell costimulatory molecule 1,ETC-1   |
| <b>Uniprot ID</b>      | P42081  |
| <b>Background</b>      | CD86 is an 80 kD immunoglobulin superfamily member also known as B7-2, B70, and Ly-58. CD86 is expressed on activated B and T cells, monocytes/macrophages, dendritic cells, and astrocytes. CD86, along with CD80, is the ligand of CD28 and CD152 (CTLA-4). CD86 is expressed earlier in the immune response than CD80. CD86 has also been shown to be involved in immunoglobulin class-switching and triggering of NK cell-mediated cytotoxicity. CD86 binds to CD28 to transduce costimulatory signals for T cell activation, proliferation, and cytokine production. CD86 can bind to CD152 as well, also known as CTLA-4, to deliver an inhibitory signal to T cells. |

### Product Details

|                                |  |
|--------------------------------|--|
| <b>Form</b>                    | Liquid   |
| <b>Size</b>                    | 20Tests/100Tests/100Tests×2  |
| <b>Clone No.</b>               | BU63   |
| <b>Host</b>                    | Mouse  |
| <b>Isotype</b>                 | Mouse IgG1, κ  |
| <b>Reactivity</b>              | Human  |
| <b>Application</b>             | FCM  |
| <b>Isotype Control</b>         | <a href="#">PerCP/Cyanine5.5 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792J]</a>   |
| <b>Storage Buffer</b>          | Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.  |
| <b>Shipping</b>                | Biological ice pack at 4 °C  |
| <b>Stability &amp; Storage</b> | Keep as concentrated solution.<br>Store at 2~8°C and protected from prolonged exposure to light.Do not freeze.<br>This product is guaranteed up to one year from purchase. |

### For Research Use Only

## Fluorophore

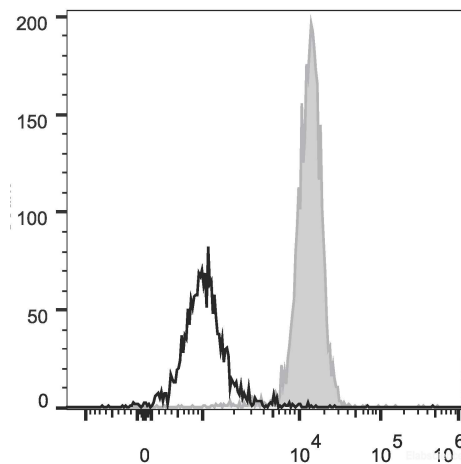
**Conjugation:** PerCP/Cyanine5.5

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).

## Recommended usage

Each lot of this antibody is quality control tested by flow cytometric analysis. **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).** Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

## Product data



Human peripheral blood are stained with PerCP/Cyanine5.5 Anti-Human CD86 Antibody (filled gray histogram). Cells in the monocyte gate were used for analysis. Unstained cells (empty black histogram) are used as control.

## Related Information

1. Sample Preparation for Flow Cytometry <https://www.elabscience.com/List-detail-5594.html>
2. Staining Cell Surface Targets for Flow Cytometry <https://www.elabscience.com/List-detail-5568.html>
3. Flow Cytometry Troubleshooting Tips <https://www.elabscience.com/List-detail-5593.html>
4. How to select the appropriate detection channel through the spectrogram? <https://www.elabscience.com/List-detail-459742.html>

## For Research Use Only