

PE/TR Anti-Human CD19 Antibody[4G7]

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|--------------------|--|---------------------|-------|
| Catalog No. | E-AB-F1127P | Reactivity | Human |
| Storage | Store at 2~8°C, Avoid freeze / thaw cycles | Applications | FCM |

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

Antigen Information

| | |
|------------------------|---|
| Alternate Names | B4, CVID3,B-lymphocyte antigen CD19,B-lymphocyte surface antigen B4,T-cell surface antigen Leu-12 |
| Uniprot ID | P15391 |
| Gene ID | 930 |
| Background | CD19 is a 95 kD type I transmembrane glycoprotein also known as B4. It is a member of the immunoglobulin superfamily expressed on B-cells (from pro-B to blastoid B cells, absent on plasma cells) and follicular dendritic cells. CD19 is involved in B cell development, activation, and differentiation. CD19 forms a complex with CD21 (CR2) and CD81 (TAPA-1), and functions as a BCR co-receptor. |

Product Details

| | |
|--------------------------------|--|
| Form | Liquid |
| Size | 20Tests/50Tests/100Tests/200Tests |
| Clone No. | 4G7 |
| Host | Mouse |
| Isotype | Mouse IgG1, κ |
| Reactivity | Human |
| Application | FCM |
| Isotype Control | PE/Elab Fluor®_594 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792P] |
| Storage Buffer | PBS with 0.05% Proclin300, 1% BSA |
| Shipping | Biological ice pack at 4 °C |
| Stability & Storage | Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light.Do not freeze. This product is guaranteed up to one year from purchase. |

For Research Use Only

Thank you for your recent purchase.

If you would like to learn more about antibodies,please visit www.elabscience.com.

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Applications:Activ- Activation; Block- Blocking; Separation- Cell Separation ; Cell Sep-Neg- Cell Separation by Negative Selection; FA- Functional Assay; Neut- Neutralization; Stim- Stimulation; FCM- Flow Cytometry; ICFM: Intracellular Staining for Flow Cytometry; WB- Western Blotting; IHC- Immunohistochemistry; IF- Immunofluorescence; IP- Immunoprecipitation

Fluorophore

Conjugation: PE/TR

Recommended usage

Each lot of this antibody is quality control tested by immunofluorescent staining with 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.

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>

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