

Purified Anti-Human CD24 Antibody[ML5]

catalog number: E-AB-F11470P

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

Description

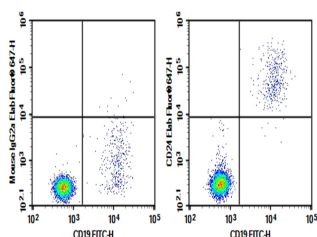
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|---------------------|---|
| Reactivity | Human |
| Immunogen | Recombinant Human CD24 protein |
| Host | Mouse |
| Isotype | Mouse IgG2a, κ |
| Clone | ML5 |
| Purification | >98%, Protein A/G purified |
| Conjugation | Unconjugated |
| Buffer | Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling. |

Applications

Recommended Dilution

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|------------|---|
| FCM | 2 $\mu\text{g/mL}$ (0.5×10^6 - 1×10^6 cells) |
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Data



Human peripheral blood lymphocytes were stained with 0.2 μg Purified Anti-Human CD24 Antibody[ML5] (Right) and 0.2 μg mouse IgG2a, κ Isotype Control (Left), followed by

Elab Fluor® 647-conjugated goat Anti-mouse IgG Secondary Antibody, then anti-human CD19 FITC-conjugated Monoclonal Antibody.

Preparation & Storage

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| Storage | Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. |
| Shipping | Ice bag |

Background

CD24 is a 35-45 kD glycosylphosphatidylinositol (GPI)-linked protein also known as heat stable antigen (HSA), BA-1, Ly-52, and nectadrin. It is expressed on the surface of B cells (but not plasma cells), granulocytes, follicular dendritic cells, and epithelial cells. CD24 may play a role in the regulation of B-cell proliferation and maturation. CD24 crosslinking induces a Ca^{2+} flux in mature B cells. CD24 has been shown to interact with CD62P (P-selectin).