# Purified Anti-Human CD24 Antibody[ML5]

**catalog number:** **E-AB-F11470P**

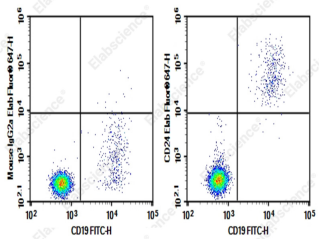
**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

## 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 |
| **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 |
|---|---|
| **FCM** | ≤ 0.2 μg per million cells in 100 μL volume |

## Data



Human peripheral blood lymphocytes were stained with 0.2μg Purified Anti-Human CD24 Antibody[ML5] (Right) and 0.2μg 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 Ca2+ flux in mature B cells. CD24 has been shown to interact with CD62P (P-selectin).


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