

Purified Anti-Human CD24 Antibody[ML5]

catalog number: E-AB-F11470P

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

Description

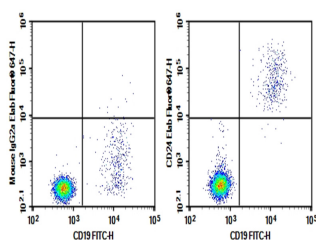
Reactivity	Human
Immunogen	Recombinant Human CD24 protein
Host	Mouse
Isotype	Mouse IgG2a, κ
Clone	ML5
Purification	>98%, Protein A/G purified
Buffer	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.

Applications

Recommended Dilution

FCM $\leq 0.2 \mu\text{g}$ per million cells in 100 μL volume

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

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).

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