

## PerCP/Cyanine5.5 Anti-Human CD24 Antibody[ML5]

**Catalog Number:** E-AB-F1147J

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

### Description

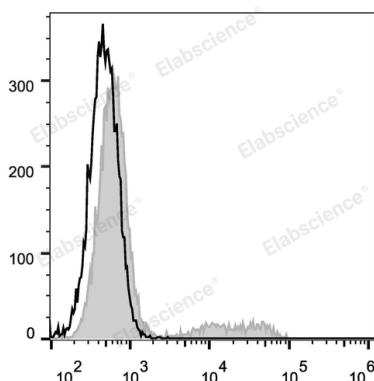
<b>Reactivity</b>	Human
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG2a, κ
<b>Clone No.</b>	ML5
<b>Isotype Control</b>	PerCP/Cyanine5.5 Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09802J]
<b>Conjugation</b>	PerCP/Cyanine 5.5
<b>Conjugation Information</b>	PerCP/Cyanine5.5 is designed to be excited by the blue laser (488 nm) and detected using an optical filter centered near 675 nm (e.g., a 690/50 nm bandpass filter).
<b>Storage Buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

### Applications

### Recommended usage

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

### Data



Human peripheral blood lymphocytes are stained with PerCP/Cyanine5.5 Anti-Human CD24 Antibody (filled gray histogram). Unstained lymphocytes (empty black histogram) are used as control.

### Preparation & Storage

<b>Storage</b>	Keep as concentrated solution. This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze.
<b>Shipping</b>	Ice bag

### Antigen Information

<b>Alternate Names</b>	GPI linked surface mucin;HSA;Heat stable antigen;Nectadrin;Signal transducer CD24
<b>Uniprot ID</b>	P25063
<b>Gene ID</b>	100133941

### For Research Use Only

**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<sup>2+</sup> flux in mature B cells. CD24 has been shown to interact with CD62P (P-selectin).

**For Research Use Only**