

## PE/Cyanine5 Anti-Human CD24 Antibody[ML5]

Catalog Number: E-AB-F1147G

**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>	PE/Cyanine5 Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09802G]
<b>Conjugation</b>	PE/Cyanine 5
<b>Conjugation Information</b>	PE/Cyanine5 is designed to be excited by the Blue (488 nm), Green (532 nm) and yellow-green (561 nm) lasers and detected using an optical filter centered near 670 nm (e.g., a 690/50 nm bandpass filter).
<b>Storage Buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

### 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.
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### Preparation & Storage

<b>Storage</b>	Keep as concentrated solution. This product can be stored at 2-8°C for 24 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
<b>Background</b>	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