

## PE Anti-Human CD24 Antibody[HIQB24]

**Catalog Number:** GFH00645D

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

### Description

<b>Reactivity</b>	Human
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG1
<b>Clone No.</b>	HIQB24
<b>Isotype Control</b>	PE Mouse IgG1, κ Isotype Control[MOPC-21] [Product GFH09792D]
<b>Conjugation</b>	PE
<b>Conjugation Information</b>	PE 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 575 nm (e.g., a 585/42 nm bandpass filter).
<b>Storage Buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide.

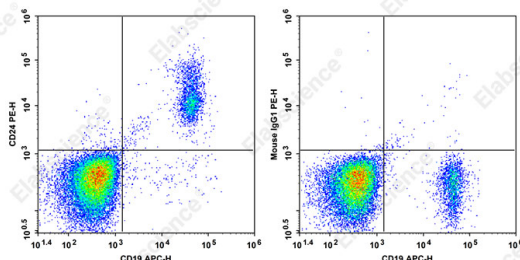
### Applications

**FCM**

### Recommended usage

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

### Data



Staining of normal human peripheral blood cells with PE Anti-Human CD24 Antibody[HIQB24] and APC Anti-Human CD19 Antibody[CB19] (left) or PE Mouse IgG1, κ Isotype Control (right). Cells in the lymphocytes gate were used for analysis.

### 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;Heat stable antigen;HSA;Nectadrin;Signal transducer CD24;人CD24流式抗体;CD24抗体;CD24流式抗体;人CD24;人CD24抗体;GFH00645
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### For Research Use Only

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Rev. V1.3

**Uniprot ID**

P25063

**Gene ID**

100133941

**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).