

## APC Anti-Human IgD Antibody[IA6-2]

**Catalog Number:** E-AB-F1171E

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

### Description

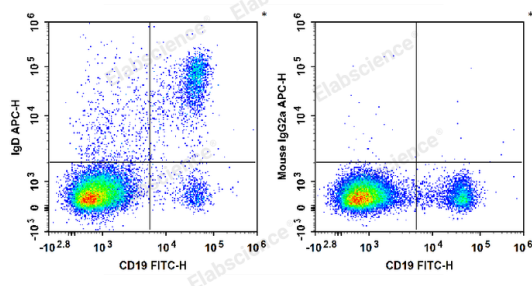
<b>Reactivity</b>	Human
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG2a, $\kappa$
<b>Clone No.</b>	IA6-2
<b>Isotype Control</b>	APC Mouse IgG2a, $\kappa$ Isotype Control[C1.18.4] [Product E-AB-F09802E]
<b>Conjugation</b>	APC
<b>Conjugation Information</b>	APC is designed to be excited by the Red (627-640 nm) laser and detected using an optical filter centered near 660 nm (e.g., a 660/20 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 <math>\mu</math>L of antibody per test (million cells in 100 <math>\mu</math>L staining volume or per 100 <math>\mu</math>L 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 FITC Anti-Human CD19 Antibody and APC Anti-Human IgD Antibody (Left). Lymphocytes are stained with FITC Anti-Human CD19 Antibody and APC Mouse IgG2a,  $\kappa$  Isotype Control (Right).

### 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>	IGHD;lg delta chain C region;Immunoglobulin heavy constant delta
<b>Uniprot ID</b>	P01880

### For Research Use Only

**Gene ID**

3495

**Background**

IgD, a member of the immunoglobulin (Ig) family, is expressed in naïve B cells. It has 3 Ig-like domains and exists in a transmembrane and a soluble form. In general, IgD is not secreted and usually its expression is lost after the Ig isotype switch. After antigen binding, IgD signals through the CD79a/CD79b (Igα/Igβ) heterodimer, resulting in the activation of the B cell.

**For Research Use Only**