

A Reliable Research Partner in Life Science and Medicine

PE Anti-Human IgD Antibody[IA6-2]

Catalog Number: E-AB-F1171D

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

Description

Reactivity Human Host Mouse

Isotype Mouse IgG2a, κ

Clone No. IA6-2

Isotype Control PE Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09802D]

Conjugation PE

Conjugation Information 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).

Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

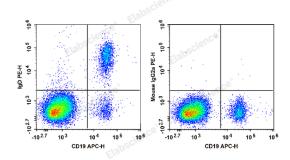
Applications Recommended usage

FCM Each lot of this antibody is quality control tested by flow cytometric analysis. The amount

of the reagent is suggested to be used 5 μ L of antibody per test (million cells in 100 μ L staining volume or per 100 μ L of whole blood). 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 APC Anti-Human CD19 Antibody and PE Anti-Human IgD Antibody (Left). Lymphocytes are stained with APC Anti-Human CD19 Antibody and PE Mouse IgG2a, κ Isotype Control (Right).

Preparation & Storage

Storage 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.

Shipping Ice bag

Antigen Information

Alternate Names IGHD;lg delta chain C region;lmmunoglobulin heavy constant delta

Uniprot ID P01880

For Research Use Only

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Gene ID

Background

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IgD, a member of the immunoglobulin (Ig) family, is expressed in naïve B cells. It has 3 lg-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 (Ig α /Ig β) heterodimer, resulting in the activation of the B cell.