

A Reliable Research Partner in Life Science and Medicine

FITC Anti-Human IgD Antibody[IA6-2]

Catalog Number: E-AB-F1171C

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 FITC Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09802C]

Conjugation FITC

Conjugation Information FITC is designed to be excited by the Blue laser (488 nm) and detected using an optical

filter centered near 530 nm (e.g., a 525/40 nm bandpass filter).

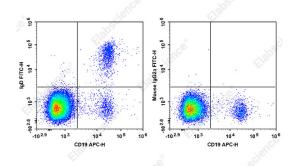
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Applications Recommended usage

FCM Eac

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



Staining of normal human peripheral blood cells with APC Anti-Human CD19 Antibody[CB19] and FITC Anti-Human IgD Antibody[IA6-2] (left) or FITC Mouse IgG2a, κ Isotype Control (right). Cells in the lymphocytes gate were used for analysis.

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

 Gene ID
 3495

For Research Use Only

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Background

lgD, a member of the immunoglobulin (lg) 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 lg isotype switch. After antigen binding, IgD signals through the CD79a/CD79b (Ig α /Ig β) heterodimer, resulting in the activation of the B cell.

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