

A Reliable Research Partner in Life Science and Medicine

FITC Anti-Human CD303/BDCA-2 Antibody[201A]

Catalog Number: E-AB-F1162C

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

Description

Reactivity Human Host Mouse

Isotype Mouse IgG2a, κ

Clone No. 201A

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.

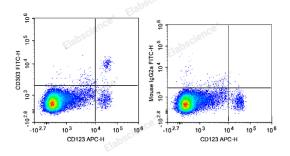
Applications Recommended usage

FCM Each lot of this antibody is qualit

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 mononuclear cells are stained with APC Anti-Human CD123 Antibody and FITC Anti-Human CD303 Antibody (Left). Mononuclear cells are stained with APC Anti-Human CD123 Antibody and FITC 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 lce bag

Antigen Information

Alternate Names BDCA2;CLECSF11;CLECSF7;DLEC;HECL

 Uniprot ID
 Q8WTT0

 Gene ID
 170482

For Research Use Only

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Background

CD303, also known as BDCA-2 and CLEC4C, is a 38 kD type II transmembrane glycoprotein. It is a member of the C-type lectin superfamily. CD303 is expressed by plasmacytoid dendritic cells (pDCs) and is involved in cell adhesion, signaling, and antigen capture and processing. Crosslinking of CD303 inhibits the production of IFN- α/β and TLR-9 induced pDCs maturation.