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# FITC Anti-Human CD203c Antibody[NP4D6]

Catalog Number: E-AB-F1297C

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

### Description

Reactivity Human Host Mouse

**Isotype** Mouse IgG1, κ

Clone No. NP4D6

**Isotype Control** FITC Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792C]

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.

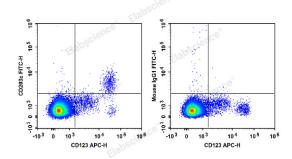
## Applications Recommended usage

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

of the reagent is suggested to be used 5  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ 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 cells are stained with APC Anti-Human CD123 Antibody and FITC Anti-Human CD203c Antibody (Left). Peripheral blood cells are stained with APC Anti-Human CD123 Antibody and FITC Mouse IgG1,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 ENPP3;E-NPP3;PD-lbeta

 Uniprot ID
 O14638

 Gene ID
 5169

# For Research Use Only

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# Elabscience®

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# **Background**

CD203c, a transmembrane protein and a member of the ectoenzyme family, is involved in the hydrolysis of extracellular oligonucleotides, nucleoside phosphates, and NAD ( possesses ATPase and ATP pyrophosphatase activity). The molecular weight of CD203c is between 130 and 150 kD under reducing conditions and 270 kD under nonreducing conditions. CD203c is expressed on basophils and mast cells, and is highly expressed on activated basophils. Secretory glands in endometrium and glioma cells are also positive. CD203c is a multifunctional ectoenzyme involved in the clearance of extracellular nucleotides whose substrates include nucleoside triphosphates, nucleoside diphosphates, cAMP, and NAD.

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