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APC Anti-Human CD193/CCR3 Antibody[5E8]

Catalog No.E-AB-F1303EReactivityHumanStorageStore at 2~8°C, Avoid freeze / thaw cyclesApplicationsFCM

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

Antigen Information

Alternate Names CC CKR3, MIP1-alpha receptor like-2, eotaxin receptor, CCR, C-C chemokine receptor type 3

Uniprot ID P51677 Gene ID 1232

Background CD193, also known as CC-chemokine receptor 3 (CCR3), CC CKR3, MIP1-alpha receptor

like-2, and eotaxin receptor, is a member of the G protein-coupled seven transmembrane receptors family. It binds to the CC chemokines eotaxin, eotaxin-2, and eotaxin-3 with high affinity. CCR3 has also been reported to bind RANTES, MCP-3, and MCP-4 with low affinity.

CCR3 receptor is expressed on human eosinophils, basophils, mast cells, mononuclear phagocytes, platelets, CD34+ hematopoietic progenitor cells, Th2-like lymphocytes, and keratinocytes. CCR3 is thought to play a role in allergic diseases such as bronchial asthma and allergic rhinitis. CCR3 is a co-receptor for HIV-1 and HIV-2, and the binding of eotaxin with

CCR3 has been shown to inhibit HIV infection in some cell types.

Product Details

Form Liquid

Size 20Tests/100Tests/100Tests×2

Clone No. 5E8
Host Mouse

Isotype Mouse IgG2b, κ

Reactivity Human **Application** FCM

Isotype Control APC Mouse IgG2b, κ Isotype Control[MPC-11] [Product E-AB-F09812E]

Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

Shipping Biological ice pack at 4 °C **Stability & Storage** Keep as concentrated solution.

Store at 2~8°C and protected from prolonged exposure to light.Do not freeze.

This product is guaranteed up to one year from purchase.

For Research Use Only

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Fluorophore

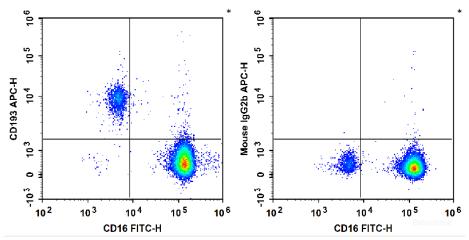
Conjugation: APC

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).

Recommended usage

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.

Product data



Human peripheral blood granulocytes are stained with FITC Anti-Human CD16 Antibody and APC Anti-Human CD193/CCR3 Antibody (Left). Granulocytes are stained with FITC Anti-Human CD16 Antibody and APC Mouse IgG2b,κ Isotype Control (Right).

Related Information

- 1. Sample Preparation for Flow Cytometry https://www.elabscience.com/List-detail-5594.html
- 2. Staining Cell Surface Targets for Flow Cytometry https://www.elabscience.com/List-detail-5568.html
- 3. Flow Cytometry Troubleshooting Tips https://www.elabscience.com/List-detail-5593.html
- 4. How to select the appropriate detection channel through the spectrogram? https://www.elabscience.com/List-detail-459742.html

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