

## CD193 monoclonal antibody

Catalog: MB22444

Host: Mouse

Reactivity: Human

**BackGround:**

The protein encoded by this gene is a receptor for C-C type chemokines. It belongs to family 1 of the G protein-coupled receptors. This receptor binds and responds to a variety of chemokines, including eotaxin (CCL11), eotaxin-3 (CCL26), MCP-3 (CCL7), MCP-4 (CCL13), and RANTES (CCL5). It is highly expressed in eosinophils and basophils, and is also detected in TH1 and TH2 cells, as well as in airway epithelial cells. This receptor may contribute to the accumulation and activation of eosinophils and other inflammatory cells in the allergic airway. It is also known to be an entry co-receptor for HIV-1. This gene and seven other chemokine receptor genes form a chemokine receptor gene cluster on the chromosomal region 3p21. Alternatively spliced transcript variants have been described. <br />

**Product:**

Purified antibody in PBS with 0.05% sodium azide

**Molecular Weight:**

41kDa

**Swiss-Prot:**

P51677

**Purification&Purity:**

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immuno-

gen and the purity is > 95% (by SDS-PAGE).

**Applications:**

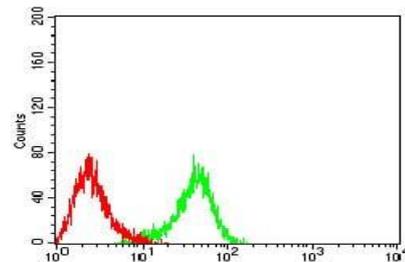
FC:1/200 - 1/400

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Isotype:**

Mouse IgG1

**DATA:**

Flow cytometric analysis of HL-60 cells using CD193 mouse mAb (green) and negative control (red).

**Note:**

For research use only, not for use in diagnostic procedure.

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