

## CD197 monoclonal antibody

Catalog: MB22456

Host: Mouse

Reactivity: Human

**BackGround:**

The protein encoded by this gene is a member of the G protein-coupled receptor family. This receptor was identified as a gene induced by the Epstein-Barr virus (EBV), and is thought to be a mediator of EBV effects on B lymphocytes. This receptor is expressed in various lymphoid tissues and activates B and T lymphocytes. It has been shown to control the migration of memory T cells to inflamed tissues, as well as stimulate dendritic cell maturation. The chemokine (C-C motif) ligand 19 (CCL19/ECL) has been reported to be a specific ligand of this receptor. Signals mediated by this receptor regulate T cell homeostasis in lymph nodes, and may also function in the activation and polarization of T cells, and in chronic inflammation pathogenesis. Alternative splicing of this gene results in multiple transcript variants. <br />

**Product:**

Purified antibody in PBS with 0.05% sodium azide

**Molecular Weight:**

42.9kDa

**Swiss-Prot:**

P32248

**Purification&Purity:**

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

**Applications:**

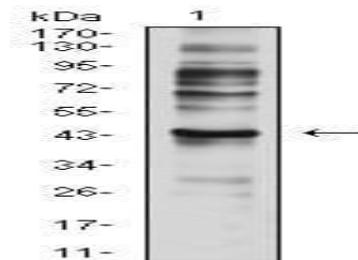
WB:1/500 - 1/2000    FC:1/200 - 1/400

**Storage&Stability:**

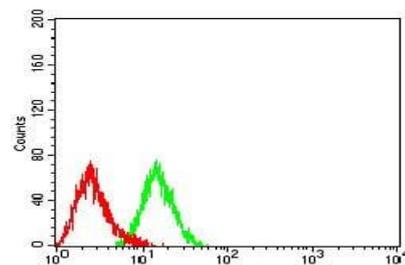
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Isotype:**

Mouse IgG1

**DATA:**

Western blot analysis using CD197 mouse mAb against C6 (1) cell lysate.



Flow cytometric analysis of HL-60 cells using CD197 mouse mAb (green) and negative control (red).

**Note:**

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

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