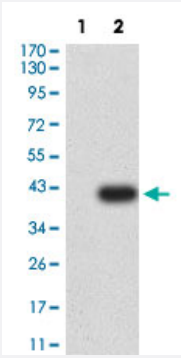
# CCR7 monoclonal antibody, clone 4B7B8

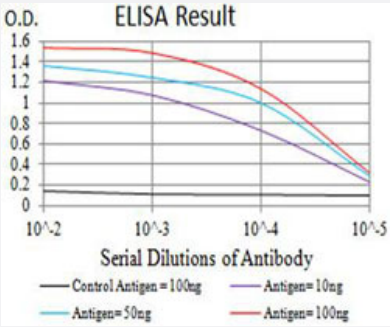
Catalog # MAB17968 Size 100 ug

## Applications



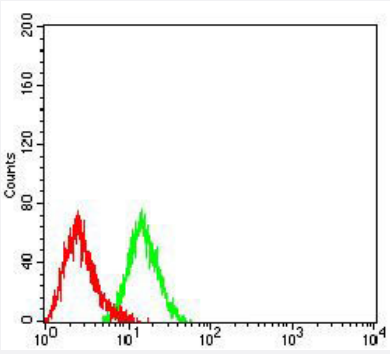

### Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: CCR7-hIgGFc transfected HEK293 cell lysates with CCR7 monoclonal antibody, clone 4B7B8 (Cat # MAB17968).




### Enzyme-linked Immunoabsorbent Assay

ELISA analysis with CCR7 monoclonal antibody, clone 4B7B8 (Cat # MAB17968).




### Flow Cytometry

Flow cytometric analysis of HL-60 cells with CCR7 monoclonal antibody, clone 4B7B8 (Cat # MAB17968) (Green). Red: Negative Control.

## Specification

| | |
|---|---|
| **Product Description** | Mouse monoclonal antibody raised against recombinant human CCR7. |

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|---|---|
| **Immunogen** | Recombinant protein corresponding to human CCR7. |
| **Host** | Mouse |
| **Theoretical MW (kDa)** | 42.9 |
| **Reactivity** | Human |
| **Form** | Liquid |
| **Isotype** | IgG1 |
| **Recommend Usage** | ELISA (1:10000)<br>Flow Cytometry (1:200-1:400)<br>Western Blot (1:100-1:500)<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In PBS (0.05% sodium azide). |
| **Storage Instruction** | Store at 4°C. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing. |
| **Note** | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only. |

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## Gene Info — CCR7

| | |
|---|---|
| **Entrez GeneID** | 1236 |
| **Protein Accession#** | P32248 |
| **Gene Name** | CCR7 |

| | |
|---|---|
| **Gene Alias** | BLR2, CD197, CDw197, CMKBR7, EBI1 |
| **Gene Description** | chemokine (C-C motif) receptor 7 |
| **Omim ID** | 600242 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | 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. [provided by RefSeq |
| **Other Designations** | C-C chemokine receptor type 7\|CC chemokine receptor 7\|EBV-induced G protein-coupled receptor 1\|Epstein-Barr virus induced G-protein coupled receptor\|Epstein-Barr virus induced gene 1\|MIP-3 beta receptor\|chemokine (C-C) receptor 7\|lymphocyte-specific G pro |

## Pathway

- Chemokine signaling pathway
- Cytokine-cytokine receptor interaction

## Disease

- Birth Weight
- Breast cancer
- Breast Neoplasms
- Genetic Predisposition to Disease
- Glioblastoma
- Glioma
- HIV Infections
- Leukemia
- Lupus Erythematosus
- Meningeal Neoplasms

- Meningioma
- Scleroderma