# CXCR5 (Marker of T Follicular Helper (Tfh) Cells) Antibody

Mouse Monoclonal Antibody [Clone CXCR5/13096]

| Catalog No | Format | Size |
|---|---|---|
| 643-MSM6-P1ABX | Purified Ab WITHOUT BSA and Azide at 1.0mg/ml | 100 ug |
| 643-MSM6-P1 | Purified Ab with BSA and Azide at 200ug/ml | 100 ug |
| 643-MSM6-P0 | Purified Ab with BSA and Azide at 200ug/ml | 20 ug |

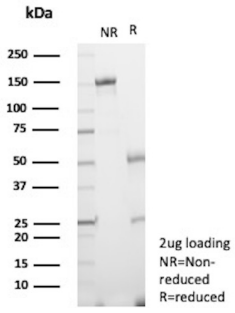
| Applications | Tested Dillution | Note |
|---|---|---|
| Immunohistochemistry (IHC) | 1-2ug/ml | 30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes |
| Western Blot (WB) | 2-4ug/ml | |

## Product Details

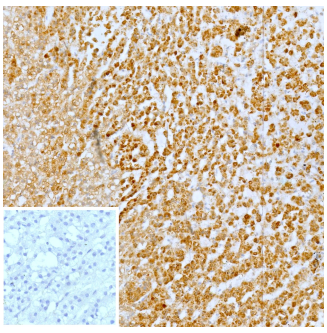
| | |
|---|---|
| **Clone** | CXCR5/13096 |
| **Gene Name** | CXCR5 |
| **Immunogen** | Recombinant fragment of human CXCR5 protein (exact sequence is proprietary) |
| **Host** | Mouse |
| **Clonality** | Monoclonal |
| **Isotype / Light Chain** | IgG2b / Kappa |
| **Mol. Weight of Antigen** | 56kDa |
| **Cellular Localization** | Cell membrane |
| **Species Reactivity** | Human |
| **Positive Control** | Human placenta, brain, lung, transitional cell carcinoma, testis, ovarian serous carcinoma or hepatocellular carcinoma. |

**Optimal dilution for a specific application should be determined.*

## Product Images for CXCR5 (Marker of T Follicular Helper (Tfh) Cells) Antibody




SDS-PAGE Analysis of Purified CXCR5 Mouse Monoclonal Antibody (CXCR5/13096). Confirmation of Purity and Integrity of Antibody.



Formalin-fixed, paraffin-embedded human adrenal gland stained with CXCR5 Mouse Monoclonal Antibody (CXCR5/13096). Inset: PBS instead of primary antibody; secondary only negative control.

## Specificity & Comments

Burkitt s lymphoma receptor 1 (Blr1) is a lymphocyte specific chemokine receptor expressed at low levels in secondary lymphoid tissues and in defined structures of the cerebellum. The G protein-coupled receptor has significant homology to other chemokine receptors. Stimulation of Blr1 by its ligand, B-lymphocyte chemoattractant (BLC) results in an influx of calcium into the cell and the chemotaxis of the cell. Blr1 is required for B-cell migration into splenic and Peyer s patch follicles. BLC expression in Peyer s patches is highest in germinal centers, where B cells undergo somatic mutation and affinity maturation.

## Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

## Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

## Research Areas

AKT Signaling, B Cell Markers, Cardiovascular, Signal Transduction

## Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.