

## Anti-Human CD185-171Yb

Catalog: 3171014B

Package Size: 100 tests

Storage: Store product at 4°C. Do not freeze.

Reactivity: Human

Clone: RF8B2

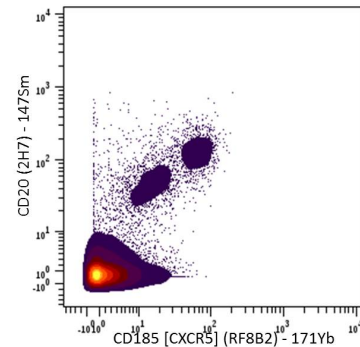
Isotype: IgG2b

Formulation: Antibody stabilizer with 0.05% Sodium Azide

## Technical Information

**Validation:** Each lot of conjugated antibody is quality control tested by CyTOF<sup>®</sup> analysis of stained cells using the appropriate positive and negative cell staining and/or activation controls.

**Recommended Usage:** The suggested use is 1 µl for up to 3 X 10<sup>6</sup> live cells in 100 µl. It is recommended that the antibody be titrated for optimal performance for each of the desired applications.



Human PBMCs stained with 147Sm-anti-CD20 (2H7) and 171Yb-anti-CD185 [CXCR5] (RF8B2). Lymphocytes are displayed in the analysis.

## Description

CXCR5, also known as CD185 and Burkitt Lymphoma Receptor 1 (BLR1), is a G protein-coupled seven transmembrane receptor which binds to CXCL13. CXCR5 plays an essential role in the migration of B cells to the follicular compartment in the spleen, lymph nodes, Peyer's patches and tonsils. It also plays a role in normal maturation of primary follicle follicular dendritic cells. CXCR5 is expressed on B cells and TFH cells.

## References

Bandura, D. R., et al. Mass Cytometry: Technique for Real Time Single Cell Multitarget Immunoassay Based on Inductively Coupled Plasma Time-of-Flight Mass Spectrometry. *Analytical Chemistry* 81:6813-6822, 2009.

Ornatsky, O. I., et al. **Highly Multiparametric Analysis by Mass Cytometry.** *J Immunol Methods* 361 (1-2):1-20, 2010.

### For technical support visit [fluidigm.com/support](http://fluidigm.com/support)

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