

Anti-Human CD20-147Sm

Catalog: 3147007B

Package Size: 100 tests

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

Reactivity: Human

Clone: H1

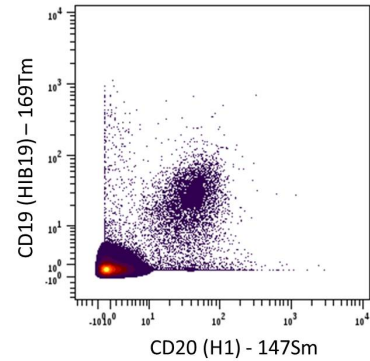
Isotype: IgG2a

Formulation: Antibody stabilizer with 0.05% Sodium Azide

Technical Information

Validation: Each lot of conjugated antibody is quality control tested by CyTOF® 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 10⁶ live cells in 100 µl. It is recommended that the antibody be titrated for optimal performance for each of the desired applications.



Human PBMCs were fixed, permeabilized, and stained with 169Tm-anti-CD19 (HIB19) and 147Sm-anti-CD20 (H1).

Description

CD20, also known as B1 and Bp35, is a transmembrane spanning protein. CD20 is expressed on pre-B-cells, immature and mature B cells, and some follicular dendritic cells. Phosphorylation of CD20 is involved in B-cell activation and is associated with various Src family kinases, and can exist in a complex with MHC, CD53, CD81, and CD82.

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

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