

Anti-Biotin-170Er

Catalog #: 3170003B

Package Size: 100 tests

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

Cross Reactivity: All

Clone: 1D4-C5

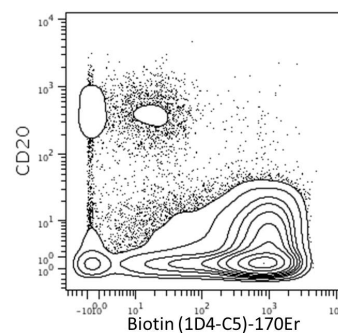
Isotype: Mouse IgG2a

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 stained with Biotin-anti Human CD3 (UCHT1) then detected with 170Er-anti-Biotin (1D4-C5). Plotted against 147Sm-anti-CD20 (2H7).

Description

Biotin, also known as vitamin H or coenzyme R, is a water soluble B-vitamin essential for the metabolism of fatty acids, amino acids and glucogenesis. Biotin is also useful as a tool in biotechnology, as it binds with very high affinity to both streptavidin and avidin. The 1D4-C5 monoclonal antibody can be used as a second-step reagent to detect cells stained with biotinylated primary antibodies.

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

Contact Information:

Sales: sales@DVSsciences.com | Support: support@DVSsciences.com
www.DVSsciences.com | For assistance by phone: 855-DVS-CYTO

This product is intended for Research Use Only. This product is not intended for therapeutic or diagnostic purposes in humans or animals.
This product contains antibodies manufactured by and sold under license from BioLegend and licensees thereof.

© 2011 DVS Sciences Inc. The trademarks mentioned herein are the property of DVS Sciences Inc. or their respective owners. DVS Sciences Inc. products are warranted to meet stated product specifications and to conform to label descriptions when used and stored properly. Unless otherwise stated, this warranty is limited to 6 months from date of sales for products used, handled and stored according to DVS Sciences, Inc. instructions. DVS Sciences, Inc. sole liability for the product is limited to replacement of the product or refund of the purchase price. Product may not be resold, modified for resale or used to manufacture commercial products without prior written approval from DVS Sciences Inc.

