

Anti-Human CD44s/Pan Specific-153Eu

Catalog: 3153021B

Package Size: 100 tests

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

Reactivity: Human,

Clone: 691534

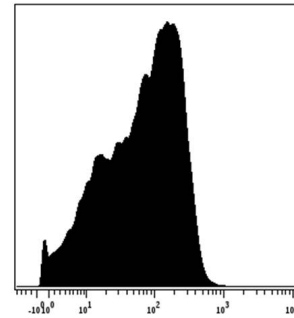
Isotype: IgG2a

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.



CD44s (691534)-153Eu

Human PBMCs stained with 153Eu-anti-CD44s (691534). Total viable cells are displayed in the analysis.

Description

CD44, also known as Hermes, Pgp1, H-CAM or HUTCH, is a cell surface glycoprotein that is expressed in either the standard form (CD44S) or as a higher-molecular-weight form (variant CD44s). It is involved in a variety of cellular functions including: cell-to-cell interactions, adhesion, homing and migration, as well as being a receptor for haluronic acid. CD44 is expressed on a number of cell types including leukocytes, endothelial cells, hepatocytes and mesenchymal cells and has been reported to be a marker for memory cell subsets.

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

EMAIL

United States support.northamerica@fluidigm.com | Europe support.europe@fluidigm.com

Asia techsupportasia@fluidigm.com | Latin America techsupportlatam@fluidigm.com

All other countries techsupport@fluidigm.com

PHONE

United States (toll-free) +1 866 358 4354 | Europe +33 1 60 92 42 40

Japan +81 3 3662 2150 | China (excluding Hong Kong) +86 21 3255 8368

All other countries +1 650 266 6100

For Research Use Only. Not for use in diagnostic procedures.

Information in this publication is subject to change without notice. **Safety data sheet information** fluidigm.com/sds **Patent and license information** fluidigm.com/legalnotices | Fluidigm, the Fluidigm logo, Cell-ID, CyTOF, and Maxpar are trademarks or registered trademarks of Fluidigm Corporation in the United States and/or other countries. All other trademarks are the sole property of their respective owners. © 2015 Fluidigm Corporation. All rights reserved. 06/2015