

## Anti-Human CD328-152Sm

Catalog: 3152013B

Clone: 194211

Package Size: 100 tests

Isotype: IgG1

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

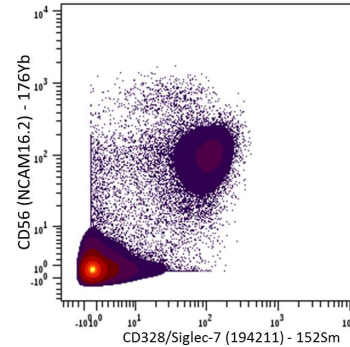
Formulation: Antibody stabilizer with 0.05% Sodium Azide

Reactivity: Human

## 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 176Yb-anti-CD56 (NCAM16.2) and 152Sm-anti-CD328/Siglec-7 (194211). CD45+ CD33- cells are displayed in the analysis.

## Description

CD328, also known as sialic acid binding immunoglobulin-line lectin 7 (Siglec-7), is primarily expressed on the surface of NK cells and monocytes. The cytoplasmic domain of CD328 contains immunoreceptor tyrosin-based inhibitory motif (ITIM). CD328 functions as an inhibitory receptor of NK 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)

EMAIL **United States and other countries not in Europe or Asia** [techsupport@fluidigm.com](mailto:techsupport@fluidigm.com) **Europe** [techsupporteurope@fluidigm.com](mailto:techsupporteurope@fluidigm.com) | **Asia** [techsupportasia@fluidigm.com](mailto:techsupportasia@fluidigm.com)  
 PHONE **United States (toll-free)** +1 866 358 4354 | **Europe** +33 1 60 92 42 40 | **Japan** +81 3 3662 2150 | **China** +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](http://fluidigm.com/sds) **Patent and license information** [fluidigm.com/legalnotices](http://fluidigm.com/legalnotices) | Fluidigm, the Fluidigm logo, and CyTOF are trademarks or registered trademarks of Fluidigm Corporation in the United States and/or other countries. © 2015 Fluidigm Corporation. All rights reserved. 01/2015