

Anti-Human Stat3-173Yb

Catalog: 3173003A

Clone: 124H6

Package Size: 50 tests

Isotype: IgG2a

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

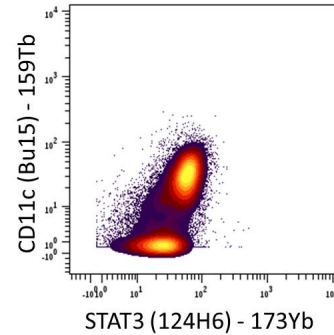
Formulation: Antibody stabilizer with 0.05% Sodium Azide

Reactivity: Rat, Human, Monkey,

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 173Yb-anti-STAT3 (124H6) and 159Tb-anti-CD11c (Bu15). Total viable cells are displayed in the analysis.

Description

Stat3 is a member of the STAT (signal transducer and activators of transcription) protein family that is phosphorylated in response to cytokine receptor-associated kinase activity. Phosphorylation of STAT 3 induces nuclear translocation to activate transcription. STAT3 is expressed in brain, heart, placenta, lung, liver, skeletal muscle, kidney, and pancreas.

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.

This product contains antibodies manufactured by and sold under license from Cell Signaling Technology and licensees thereof.

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