

Anti-Human CXCR6/CD186-160Gd

Catalog: 3160016B

Clone: K041E5

Package Size: 100 tests

Isotype: IgG2a

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

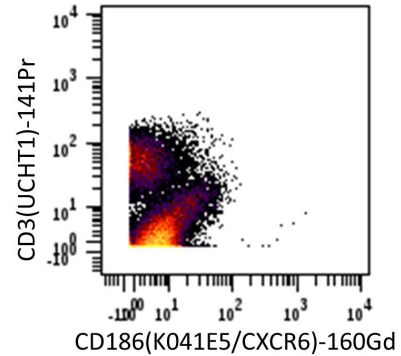
Formulation: Antibody stabilizer with 0.05% Sodium Azide

Reactivity: Human,

Technical Information

Validation: Each lot of conjugated antibody is quality control tested by CyTOF[®] 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 lymphocytes stained with 160Gd-anti-CD186(K041E5/CXCR6) and 141Pr-anti-CD3(UCHT1). Total viable cells are displayed in the analysis.

Description

CXCR6 is a 39 kD, G-protein coupled chemokine receptor with seven transmembrane-spanning regions, also known as CD186. CD186 binds to the chemokine CXCL16 and is a coreceptor for HIV. It is expressed on activated and memory T cells and is involved in the recruitment of cells during the inflammatory response.

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.

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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

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