

Anti-Human CD183[CXCR3]-163Dy

Catalog #: 3163004B

Package Size: 100 tests

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

Cross Reactivity: Cynomolgus Monkey, Rhesus

Clone: G025H7

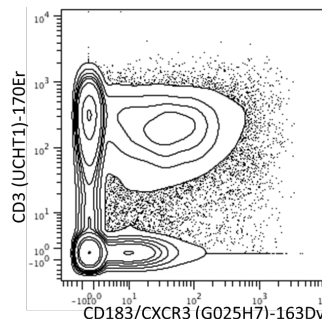
Isotype: Mouse IgG1

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 170Er-anti-CD3 (UCHT1) and 163Dy-anti-CD183/CXCR3 (G025H7).

Description

CXCR3, also known as G protein-coupled receptor 9 (GPR9) and CD183, is a seven-pass transmembrane receptor coupled to G-protein. It is a chemokine receptor that binds CXCL9, CXCL10, and CXCL11. CXCR3 is highly expressed by T lymphocytes, NK cells, dendritic cells, mast cells, alveolar macrophages, eosinophils, and human airway epithelial 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.

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