

Anti-Human/Mouse CLA-176Yb

Catalog: 3176018B

Clone: HECA- 452

Package Size: 100 tests

Isotype: Other

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

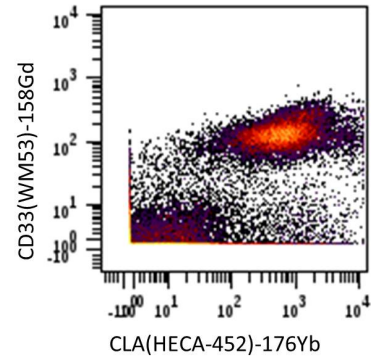
Formulation: Antibody stabilizer with 0.05% Sodium Azide

Reactivity: Mouse,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 PBMCs stained with 176Yb-anti-CLA(HECA-452) and 158Gd-anti-CD33(WM53). Total viable cells are displayed in the analysis.

Description

The HECA-452 monoclonal antibody specifically binds to Cutaneous Lymphocyte Associated Antigen (CLA), a 140 kD homodimer, which serves as a ligand for selectins including CD62E (E-selectin; ELAM-1). CLA is expressed on monocytes, granulocytes, NK cells, memory B cells and on most infiltrating T cells. There is evidence that CLA plays an important role in supporting leucocyte adhesive interactions and migration into extravascular tissues during inflammation.

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

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