

Anti-Human CD24-166Er

Catalog: 3166007B

Package Size: 100 tests

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

Reactivity: Chimpanzee,

Clone: ML5

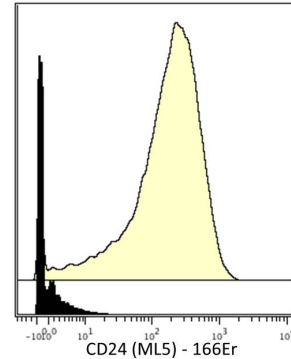
Isotype: IgG2a

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 NALM-6 pre-B cells (top) and human Jurkat T Cells (bottom) stained with 166Er-anti-CD24 (ML5).

Description

CD24, also known as heat stable antigen (HSA), BA-1, Ly-52, and nectadrin, is a 35-45 kD glycosylphosphatidylinositol (GPI)-linked protein. It is expressed on the surface of B cells, granulocytes, follicular dendritic cells, and epithelial cells and may play a role in the regulation of B-cell proliferation and maturation.

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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