

# Anti-Human CD24-169Tm

Catalog: 3169004B

Package size: 100 tests

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

Cross-reactivity: Chimpanzee

Clone: ML5

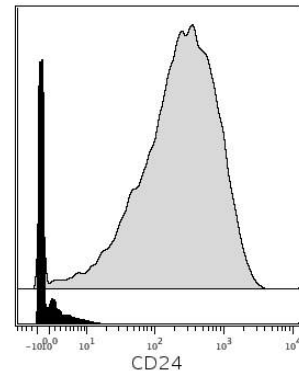
Isotype: Mouse IgG2a

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 10<sup>6</sup> 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 169Tm-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 (2009): 6,813–22.

Ornatsky, O. I., et al. Highly Multiparametric Analysis by Mass Cytometry. *Journal of Immunological Methods* 361 (2010): 1–20.

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**North America** +1 650 266 6100 | Toll-free: +1 866 358 4354 in the US | [support.northamerica@fluidigm.com](mailto:support.northamerica@fluidigm.com) **Europe** +33 1 60 92 42 40 | [support.europe@fluidigm.com](mailto:support.europe@fluidigm.com)  
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**All other Asian countries** +1 650 266 6100 | [techsupportasia@fluidigm.com](mailto:techsupportasia@fluidigm.com) **Central and South America** +1 650 266 6100 | [techsupportlatam@fluidigm.com](mailto:techsupportlatam@fluidigm.com)

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