

# Anti-Human CD24-169Tm

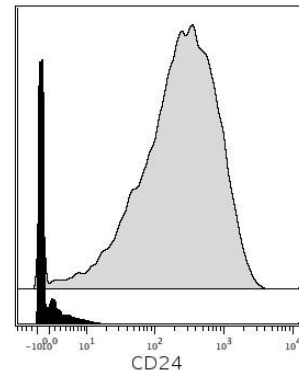
Catalog: 3169004B  
 Package size: 100 tests  
 Storage: Store product at 4 °C. Do not freeze.  
 Cross-reactivity: Chimpanzee

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<sup>®</sup> 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.

## For technical support visit [fluidigm.com/support](http://fluidigm.com/support).

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