

Anti-Human/Mouse Mac-2/Galectin-3-153Eu

Catalog: 3153026B

Package size: 100 tests

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

Clone: M3/38

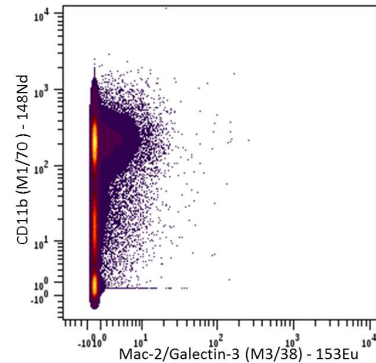
Isotype: Rat IgG2a

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 3×10^6 live cells in 100 µL. It is recommended that the antibody be titrated for optimal performance for each of the desired applications.



Mouse bone-marrow stained with ^{148}Nd anti-CD11b (M1/70) and ^{153}Eu -anti-Mac-2/Galectin-3 (M3/38). Total viable cells are displayed in the analysis.

Description

Mac-2, also known as galectin-3, is a 30 kDa beta-galactoside-binding protein. Galectin-3 is expressed in tumor cells, macrophages, activated T cells, osteoclasts, epithelial cells and fibroblasts. It is capable of binding IgE and mammalian cell surfaces only when homodimerized or homo-oligomerized. Galectin-3 promotes cell growth and proliferation for many cell types.

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.

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