

Anti-Mouse IgM-151Eu

Catalog: 3151006B

Package Size: 100 tests

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

Reactivity: Mouse,

Clone: RMM-1

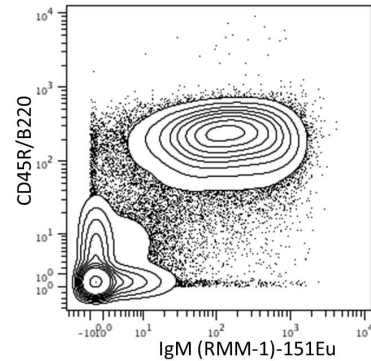
Isotype: Rat IgG2a

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 X 10⁶ live cells in 100 µl. It is recommended that the antibody be titrated for optimal performance for each of the desired applications.



C57BL/6 mouse splenocytes stained with 176Yb-anti-CD45R/B220(RA36B2) and 151Eu-anti-IgM (RMM-1).

Description

IgM is an immunoglobulin heavy chain isotype and is expressed intracellularly, during early stages of B cell development and on the surface of mature B cells in the bone marrow and periphery. Clone II/41 reacts with the heavy chain of IgM, but does not react with the heavy chain of other isotypes including IgD, IgG or IgA. Clone II/41 can also be used as a second-step reagent for the detection of primary antibodies of the mouse IgM isotype.

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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