

Anti-Human HLA-DR-151Eu

Catalog: 3151023B

Package size: 100 tests

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

Clone: G46-6

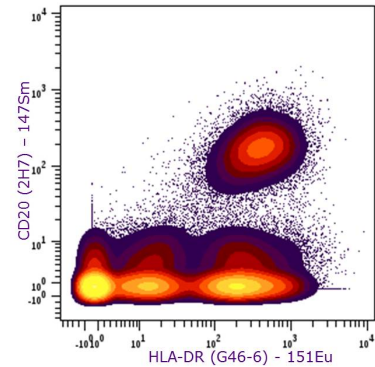
Isotype: Mouse IgG2a

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



Human PBMCs stained with ¹⁴⁷Sm-anti-CD20 (2H7) and ¹⁵¹Eu-anti-HLA-DR (G46-6). Total viable cells are displayed in the analysis.

Description

HLA-DR or human leukocyte antigen DR is an MHC class II cell surface receptor that is a cell surface glycoprotein. HLA-DR is expressed on B cells, activated T cells, monocytes/macrophages, dendritic cells, and other non-professional antigen presenting cells (APCs). HLA-DR is critical for efficient antigen presentation to CD4⁺ T cells.

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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