

Product Datasheet

Anti-HLA-DR/DP PE (orb44067)

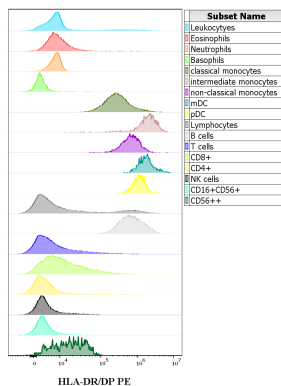
Description	Mouse Monoclonal to HLA-DR.
Reactivity	Human
Conjugation	PE
Tested Applications	FC
Immunogen	PHA-activated peripheral blood lymphocytes.
Target	HLA-DR/DP
Preservatives	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.
Note	For research use only
Application notes	Flow cytometry: The reagent is designed for analysis of human blood cells using 20 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (2 ml) is sufficient for 100 tests.
Isotype	Mouse IgG1
Clonality	Monoclonal
Clone Number	MEM-136
Antibody Type	Primary Antibody
Purity	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
Expiration Date	12 months from date of receipt.

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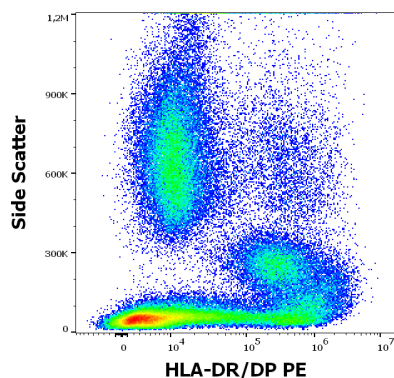
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Expression profiling on peripheral blood subsets using Anti-human HLA-DR/DP PE antibody (clone MEM-136). HCDM CDMaps standardized procedures were used for cell isolation and surface staining of blood leukocytes, with the modification of staining protocol using cytometry test tubes. Suspension of blood leukocytes isolated from buffy coats (2×10^6 cells) was added to the mixture of anti-human HLA-DR/DP PE antibody (clone MEM-136, 20 μ l reagent / 100 μ l of stained blood sample) and Monocyte Blocking Buffer, vortexed and incubated for 20 min. Next, optimized backbone antibody panels (HLDA Innate and HLDA Adaptive) were added to test tubes, vortexed and incubated for 20 min. The residual erythrocytes were lysed with 2 ml of 10 \times diluted EXCELLYSE Easy solution and incubated for 10 min. Finally, samples were centrifuged (670 g, 5 min.), supernatant removed and the cell pellet was resuspended in 200 μ l of PBS for acquisition.



Anti-human HLA-DR/DP PE antibody (clone MEM-136) works in flow cytometry application. Analysis of the antibody staining profile was performed on blood leukocytes isolated from buffy coats. HCDM CDMaps standardized procedures were used for cell isolation and surface staining of blood leukocytes, with the modification of staining protocol using cytometry test tubes. Mouse monoclonal anti-human HLA-DR/DP PE antibody (clone MEM-136) was used in amount of 20 μ l in 100 μ l of blood sample (2×10^6 cells).

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