

Product Datasheet

HLA-DR Antibody (PE) (orb44044)

Catalog Number	orb44044
Category	Antibodies
Description	Mouse Monoclonal to HLA-DR.
Target	HLA-DR
Clonality	Monoclonal
Isotype	Mouse IgG1
Conjugation	PE
Reactivity	Human
Buffer/Preservatives	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Purification	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
Immunogen	thymocyte membrane
RRID	AB_10993337
Tested applications	FC
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.

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Specificity

The antibody MEM-12 recognizes a common extracellular epitope on human HLA-DR which is dependent on the association of alpha and beta chains. DR is the isotype of human MHC Class II molecules expressed on antigen-presenting cells (APC; dendritic cells, B lymphocytes, monocytes, macrophages).

Antibody Type

Primary Antibody

Clone Number

MEM-12

Storage

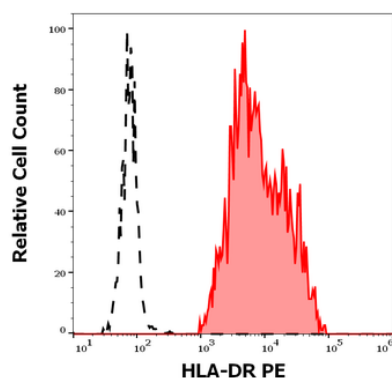
Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.

Note

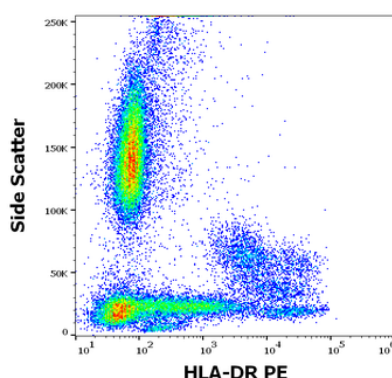
For research use only

Entrez

35



Separation of human monocytes (red-filled) from neutrophil granulocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human HLA-DR (MEM-12) PE antibody (concentration in sample 1.67 µg/ml).



Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human HLA-DR (MEM-12) PE antibody (concentration in sample 1.67 µg/ml).

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