Product Datasheet

CD1a Antibody (PE) (orb43816)

Catalog Number	orb43816
Category	Antibodies
Description	Mouse Monoclonal to CD1a.
Target	CD1a
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	Human thymocytes
UniProt ID	**P06126**
RRID	AB_10998210
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 106 cells in a suspension. The content of a vial (2 ml) is sufficient for 100 tests.
Antibody Type	Primary Antibody
Clone Number	HI149

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Storage	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.
Note	For research use only
Entrez	**909**

Flow cytometry multicolor surface staining of human stimulated (GM-CSF + IL-4) peripheral blood monocytes stained using anti-human CD1a (HI149) PE antibody (20 µl reagent per milion cells in 100 µl of cell suspension) and anti-human CD11c (BU15) APC antibody (10 µl reagent per milion cells in 100 µl of cell suspension).

Separation of human CD1a positive CD11c positive dendritic cells differentiated upon monocyte stimulation (GM-CSF + IL-4) (red-filled) from CD11c negative CD1a negative events (black-dashed) in flow cytometry analysis (surface staining) of human stimulated (GM-CSF + IL-4) peripheral blood monocytes stained using CD1a (HI149) PE antibody (20 µl reagent per milion cells in 100 µl of cell suspension).

Flow cytometry surface staining pattern of human stimulated (GM-CSF + IL-4) peripheral blood monocytes stained using anti-human CD1a (HI149) PE antibody (20 µl reagent per milion cells in 100 µl of cell suspension).

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