abcam

ab326475

APC Anti-CD1c antibody [L161]

Key facts

Isotype	IgG1
Host species	Mouse
Conjugation	APC
Excitation/Emission	Ex: 650nm, Em: 660nm
Storage buffer	pH: 7.4 Preservative: 0.098% Sodium azide Constituents: PBS, 0.2% BSA
Form	Liquid
Clonality	Monoclonal
Clone number	L161
Purification technique	Size-exclusion chromatography
Specificity	The mouse monoclonal antibody L161 recognizes an extracellular epitope of CD1c, (R7), a 43 kDa type I glycoprotein associated with beta2-microglobulin. It is expressed on cortical thymocytes (strongly), Langerhans cells, dendritic cells, B and some T cells.
Light chain type	kappa
Purification notes	Purified antibody is conjugated with activated allophycocyanin (APC) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.

Reactivity data

Flow Cyt

Tested

Species	Human
Dilution info	-
Notes	Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µl reagent / 100 µl of whole blood or 10^6 cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.

Target data

See full target information CD1C

Function	Antigen-presenting protein that binds self and non-self lipid and glycolipid antigens and presents them to T-cell receptors on natural killer T-cells.

Storage

Shipped at conditions	Ambient - Can Ship with Ice
Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	+4°C
Storage information	Do Not Freeze, Store in the dark

Product promise

Tested

We have tested this species and application combination and it works. It is covered by our product promise.

Expected

We have not tested this specific species and application combination in-house, but expect it will work. It is covered by our product promise.

Predicted

This species and application combination has not been tested, but we predict it will work based on strong homology. However, this combination is not covered by our product promise.

Not recommended

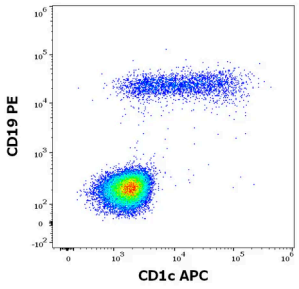
We do not recommend this combination. It is not covered by our product promise.

We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

In the unlikely event of one of our products not working as expected, you are covered by our product promise.

Full details and terms and conditions can be found here:
Terms & Conditions.

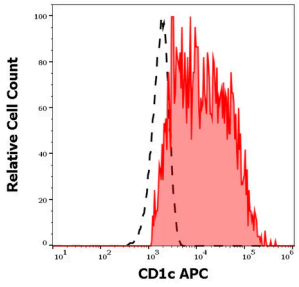
3 product images



Flow Cytometry - APC Anti-CD1c antibody [L161] (ab326475)

CD1c Flow Cytometry staining of human lymphocytes using mouse Anti-CD1c antibody

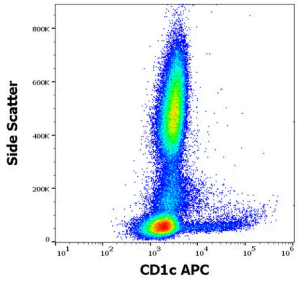
Flow cytometry multicolor surface staining pattern of human lymphocytes using ab326475 (10 µl reagent / 100 µl of peripheral whole blood) and anti-human CD19 (LT19) PE antibody (20 µl reagent / 100 µl of peripheral whole blood) antibody.



Flow Cytometry - APC Anti-CD1c antibody [L161] (ab326475)

CD1c Flow Cytometry staining of human peripheral whole blood using mouse Anti-CD1c antibody

Separation of human CD1c positive CD19 positive B cells (red-filled) from human CD1c negative CD19 negative lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using ab326475 (10 µl reagent / 100 µl of peripheral whole blood).



Flow Cytometry - APC Anti-CD1c antibody [L161] (ab326475)

CD1c Flow Cytometry staining of human peripheral whole blood using mouse Anti-CD1c antibody

Flow cytometry surface staining pattern of human peripheral whole blood stained using ab326475 (10 µl reagent / 100 µl of peripheral whole blood).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.