Mouse anti-Human CD11c, Purified mAb

E16HU011c

Catalog Number: E16HU011c-100 , E16HU011c-500

Amount: 100 Tests, 500 Tests

Form of Antibody: Phosphate-buffered solution, pH 7.4, containing 0.09% sodium azide

Storage/Stability: Store at 4°C.DO NOT FREEZE. LIGHT SENSITIVE MATERIAL.

Description: The 4A3.9 monoclonal antibody reacts with human CD11c, the 150 kDa integrin α X chain. CD11c non-covalently associates with β 2 integrin to form the CD11c/CD18 heterodimer. This complex is expressed on monocytes, granulocytes, macrophages, NK, dendritic cells and subset of T and B lymphocytes. CD11c/CD18 binds to CD54, iC3b and fibrinogen and plays a role in leukocyte adhesive interactions.

Isotype: Mouse IgG1

Clone : 4ALM2/1.6.11

Reactivity: Human,Not yet tested in other species.

Applications: FCM IF

Experimental Methods:
1.Take 100 μl peripheral blood anticoagulated by EDTA and add to the bottom of 5ml tube;
2.Add appropriate amount of antibody to the bottom of flow tube mixing with the whole blood, incubate for 30 minutes at room temperature;
3.Add 2 ml1×RBC lysis buffer, incubate for 10 minutes after mixing, dissolve red blood cells (recommended: RBC lysing Solution 10×,Cat.: FXP001);
4.Sample tube is set to 1000 rpm centrifugation for 5 minutes, discard the supernatant;
5.Add 2 ml PBS wash buffer to resuspend the cells, then 1000 rpm centrifugation for 5 minutes, discard the supernatant;
6.Add appropriate amount of fluorescent-labeled anti-mouse IgGs and incubate for 20 minutes away from light at room temperature.
7.Repeat step 5.
8.Add 0.5 ml PBS wash buffer to resuspend the cells and detect by flow cytometry (sample should be determined on the day on the machine and can also be added fixation overnight at 4 ℃ then measured).
[PBS wash buffer: PBS +1% FBS +0.1% NaN3; Cat.: FXP005]
[Cell fixation: 2% formaldehyde solution]

Notices:
1.Since applications vary, each investigator should titrate the reagent to obtain optimal results.
2.Caution: Sodium azide yields highly toxic hydrazoic acid under acidic conditions. Dilute azide compounds in running water before discarding to avoid accumulation of potentially explosive deposits in plumbing;
3.If the sample can not be timely analysis, please fixed;
4.For research use only, not for diagnostic or therapeutic use.

References:
1.McMichael, A.J., P.C.L. Beverly, et al. eds. (1987). Leucocyte Typing III: White Cell Differentiation Antigens. Oxford University Press. New York.
2.Knapp, W., B. Dorken, et al. eds. (1989). Leucocyte Typing IV: White Cell Differentiation Antigens. Oxford University Press. New York.
3.Schlossman, S., L. Bloumsell, et al. eds (1995). Leucocyte Typing V: White Cell Differentiation Antigens. Oxford University Press. New York.

Related products:

E16HF011c	Mouse Anti-Human CD11c，FITC Conjugated mAb	FCM	IF
E16HP011c	Mouse Anti-Human CD11c, PE Conjugated mAb	FCM	IF

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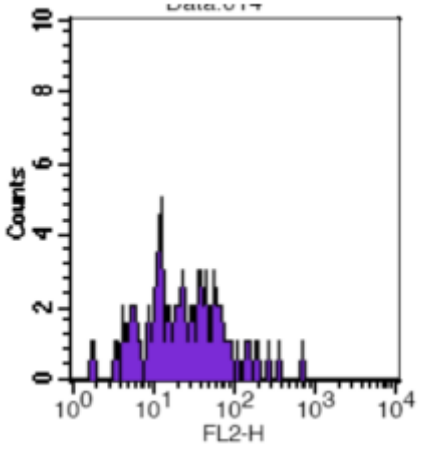
Profile of peripheral blood monocytes analyzed by flow cytometry, PE labeled goat anti-mouse IgG as secondary antibody staining.



Human peripheral blood monoocytes analyzed with Purified CD11cmAb, followed by anti-mouse IgGs-PE