

CD11c (3.9)

Type	Size	Catalog number
Unconjugated	100µg	107901
	500µg	107903
PE	25 Tests	107924

Antigen:	CD11c
Immunogen:	Rheumatoid synovial fluid cells and fibronectin purified human monocytes
Host/Isotype:	Mouse, IgG1, κ
Reactivity:	Human
Purity:	>90% pure tested via polyacrylamide gel electrophoresis (PAGE)
Formulation:	PBS, pH7.2, 0.09%NaN ₃ (unconjugated) PBS, pH7.2, 0.09% NaN ₃ and 0.2% (w/v) BSA (conjugated)
Storage:	Store at 2-8°C and protected from prolonged exposure to light. Do not freeze.
Applications:	Flow Cytometry

Application Information

Each lot of these antibodies has been pre-titrated and tested by flow cytometric analysis of human PBMCs such that 0.5µg (unconjugated, Biotin) or 5µl (conjugated) of these products are sufficient for staining 1 million cells in a 100µl staining volume or 100µl of whole blood. It is recommended to titrate antibody reactivity empirically for optimal performance.

Antigen Information

The clone 3.9 recognizes the 150 kDa cell surface glycoprotein known as CD11c or Integrin αX. CD11c plays important role in the development of human dendritic cells (DCs) and is widely used to study the immune function of DCs along with the staining of CD11b. Besides DCs, CD11c is also widely expressed by tissue macrophages, activated neutrophils/granulocytes, a subset of activated T cells, and intestinal intraepithelial lymphocytes.

References

- Schlossman S, et al. Eds. 1995. Leucocyte Typing V. Oxford University Press. NY. (1995).
- Metelitsa LS, et al. 2002. Blood 99:4166.(2002)
- Sadhu C, et al. J. Leukoc. Biol. 81:1395-1403. (2007).

Terms and Conditions

This product is for research use only (RUO) and not intended for diagnostic testing.