

CD11b (OKM1)

Type	Size	Catalog number
Unconjugated	100µg	100701
	500µg	100703
FITC	25 tests	100714
	100 tests	100715
	200 tests	100716
PE	25 tests	100724
	100 tests	100725
	200 tests	100726
APC	25 tests	100744
	100 tests	100745
	200 tests	100746
PerCP	25 tests	100734
	100 tests	100735
	200 tests	100736
PerCP-Cyanine 5.5	25 tests	100764
	100 tests	100765
	200 tests	100766
iFluor™ 647	25 tests	1007124
	100 tests	1007125
	200 tests	1007126
mFluor™ 450	25 tests	1007144
	100 tests	1007145
Biotin	100µg	100751

Antigen: CD11b
Immunogen: Human lymph node lymphocytes
Host/Isotype: Mouse, IgG2b,κ
Reactivity: Human
Purity: >90% pure tested via polyacrylamide gel electrophoresis (PAGE)
Formulation: PBS, pH7.2, 0.09%NaN₃ (unconjugated, Biotin)
 PBS, pH7.2, 0.09% NaN₃ 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

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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 OKM1, a mouse monoclonal antibody, binds with a 165 kDa adhesion glycoprotein present in human cells known as CD11b. CD11b associates with the 95 kDa integrin $\beta 2$ (CD18) to form the CD11b/CD18 complex, also known as Mac-1 or CR3. CD11b is expressed on activated lymphocytes, monocytes, granulocytes, and a subset of NK cells. CD11b functions in cell-cell and cell-substrate interactions and is a receptor for iC3b, CD54 (ICAM-1), CD102 (ICAM-2), and CD50 (ICAM-3).

References

1. Cywes C, et al. 1996. Infect Immun. 64:5373.
2. Hoffman RA, et al. 1980. Proc Natl Acad Sci USA. 77:4914.
3. Kim YR, et al. 1991. Leuk Res. 15:409.
4. Manzano L, et al. 1992. Gut. 33:246.
5. Scott CS, et al. 1990. Eur J Haematol. 44:24.
6. Szucs G, et al. 1994. Scand J Immunol. 40:481.

Terms and Conditions

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