

CD5 (OKT-1)

Type	Size	Catalog number
Unconjugated	100µg	100501
	500µg	100503
FITC	25 tests	100514
	100 tests	100515
	200 tests	100516
PE	25 tests	100524
	100 tests	100525
	200 tests	100526
APC	25 tests	100544
	100 tests	100545
	200 tests	100546
PerCP-Cyanine 5.5	25 tests	100564
	100 tests	100565
	200 tests	100566
Biotin	100 µg	100551

Antigen:	CD5
Immunogen:	Human peripheral blood lymphocytes
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, Biotin) 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 OKT-1 (CD5) binds to a 67 kDa protein which is a member of the scavenger receptor cysteine-rich protein superfamily (SRCR). It is expressed on T lymphocytes, thymocytes, and IgM-secreting B cells (B-1 cells).

References

- Berney, S.M, et al. 2000. J Investig Med. 48:102
- Burastero, E.E, et al. 1989. Contrib Microbiol Immunol. 11:231
- Kung, P, et al 1979. Science. 206:347.
- Tabbekh, M, et al. 2013. Oncoimmunology. 2:e22841

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