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InnoCyto Inc.

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APC Anti-Human CD2 Antibody

Catalog Number:	109909, 109910
Size:	25 tests, 100 tests
Target Name:	CD2, LFA-2, SRBC-R
Regulatory Status:	RUO

PRODUCT DETAILS

Clone:	OKT11
Application:	Flow Cytometry
Reactivity:	Human
Format:	APC
Isotype:	Mouse IgG1
Antibody Type:	Monoclonal
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA
Protein Concentration:	Supplied at a lot-specific concentration.
Storage&Handling:	The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze.
Recommended Usage:	For flow cytometric staining, it is recommended to use 5 uL of this reagent per 0.5-1.0 million cells in a 100 µL volume. Optimal reagent performance should be determined by titration for each specific application.
Excitation Laser:	Red Laser (633 nm)

BACKGROUND INFORMATION

CD2 is a ~45–50 kDa type I transmembrane glycoprotein and a member of the immunoglobulin superfamily. It is expressed on T lymphocytes, thymocytes, natural killer (NK) cells, and some thymic B cell subsets. CD2 is one of the earliest T-cell markers and serves as a cell surface receptor crucial for cell-cell adhesion, T-cell activation, and immune signaling.