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InnoCyto Inc.

15375 Barranca Pkwy, Suite I-103
Irvine, CA 92618
Email: info@innocyto.com
Phone: 1-949-418-7543

APC Anti-Human TCR Vb5.2/5.3 Antibody

Catalog Number:	107603, 107604
Size:	25 tests, 100 tests
Target Name:	TCR Vb5.2/5.3
Regulatory Status:	RUO

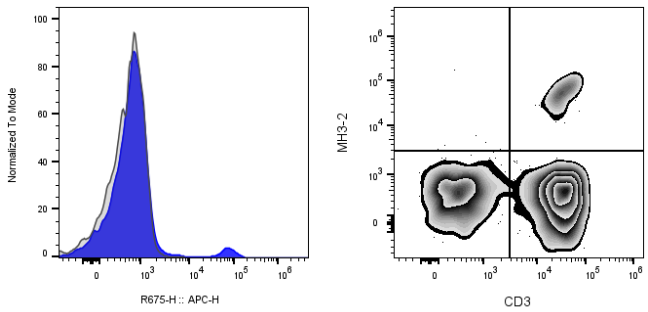
PRODUCT DETAILS

Clone:	MH3-2
Application:	Flow Cytometry
Reactivity:	Human, Pig-tailed macaque
Format:	APC
Isotype:	Mouse IgG2a
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 µL 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. APC has an excitation max at 650 nm and an emission max at 660 nm.
Excitation Laser:	Red Laser (633 nm)
Isotype Control:	301503
RRID:	AB_3738787
GeneID:	28609

BACKGROUND INFORMATION

Vβ5 T cell receptor (TCR Vβ5) is a variant of the TCR β chain which is heterodimerized with TCR α chain and expressed on a subset of αβ+ T cells. TCR α/β recognizes peptides presented by the MHC molecules and initiates T cell mediated immune responses. Patients with multiple sclerosis present an expansion of Vβ5.2+/5.3+ autoreactive T cells.

PRODUCT DATA



Human peripheral blood lymphocytes stained with FITC Anti-human CD3 and APC Anti-Human TCR Vb5.2/5.3 (TRbV28) clone MH3-2 (right panel). Human peripheral blood lymphocytes stained was stained with APC Anti-Human TCR Vb5.2/5.3 (TRbV28) clone MH3-2 (color-filled histogram, left panel) .

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