www.innocyto.com

InnoCyto Inc.

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Anti-Human TCR Vb5.2/5.3 Antibody

Catalog Number:	107601, 107602
Size:	100 ug, 500 ug
Target Name:	TCR Vb5.2/5.3
Regulatory Status:	RUO

PRODUCT DETAILS

Clone:	MH3-2
Application:	Flow Cytometry
Reactivity:	Human, Pig-tailed macaque
Format:	Purified
Isotype:	Mouse IgG2a
Antibody Type:	Monoclonal
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide
Protein Concentration:	0.5 mg/mL
Storage and Handling:	The antibody solution should be stored between 2°C and 8°C
Recommended Usage:	For flow cytometric staining, it is recommended to use less than 0.2 µg 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.
Isotype Control:	301501
RRID:	AB_3738786

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.