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InnoCyto Inc.

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PE/iF594 Anti-Human TCR Vb5.2/5.3 antibody

Catalog Number:	107607, 107608
Size:	25 tests, 100 tests
Target Name:	TCR Vb5.2/5.3
Regulatory Status:	RUO

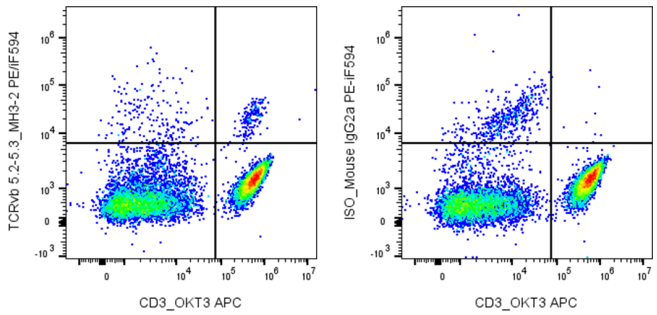
PRODUCT DETAILS

Clone:	MH3-2
Application:	Flow Cytometry
Reactivity:	Human, Pig-tailed macaque
Format:	PE/iF594
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. PE/iF594 has an excitation max at 565 nm and an emission max at 603 nm.
Excitation Laser:	Blue Laser (488 nm) Green/Yellow laser (532/561nm)
Isotype Control:	301517
GeneID:	28609
RRID:	AB_3758883

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 lymphocytes were stained with PE Anti-Human CD3 clone OKT3 and PE/iF594 Anti-Human TCRvβ 5.2/5.3 clone MH3-2 (left) or an isotype control (right).

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