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InnoCyto Inc.

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Anti-Human TCR Vb13.1 Antibody

Catalog Number:	106301, 106302
Size:	100 ug, 500 ug
Target Name:	TCR Vb13.1, T cell receptor Vβ13.1 chain, TCRBV13.1, TCRBV13
Regulatory Status:	RUO

PRODUCT DETAILS

Clone:	H131
Application:	Flow Cytometry
Reactivity:	Human
Format:	Purified
Isotype:	Mouse IgG2b
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:	301601
RRID:	AB_3738713

BACKGROUND INFORMATION

TCR Vβ13.1 is a variant of the TCR β chain. The receptor is complexed with the TCR α chain and belongs to the immunoglobulin superfamily. It is expressed on a subset of T cells and some T cell clones. Variability in the β chain is generated by Vβ, Dβ, and Jβ gene rearrangement, while variability in the α chain is generated by Vα and Jα rearrangement. TCR Vβ13.1 has been shown to be related to antigen recognition and inflammation as well as diseases, such as HIV and multiple sclerosis.