

Anti-Human TCR Vb13.1 Antibody

Catalog Number:	106301, 106302
Size:	100 ug, 500 ug
Target Name:	TCR Vb13.1, T cell receptor V β 13.1 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 μ g of this reagent per 0.5-1.0 million cells in a 100 μ L volume. Optimal reagent performance should be determined by titration for each specific application.
Isotype Control:	301601

BACKGROUND INFORMATION

TCR V β 13.1 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 V β , D β , and J β gene rearrangement, while variability in the α chain is generated by V α and J α rearrangement. TCR V β 13.1 has been shown to be related to antigen recognition and inflammation as well as diseases, such as HIV and multiple sclerosis.