

Technical Data Sheet

Anti-Human TCR Vb13.1

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: FC

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

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.