

Technical Data Sheet

Anti-Human TCR Vb5.2/5.3

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: FC

Reactivity: Human

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

Background Information

V β 5 T cell receptor (TCR V β 5) is a variant of the TCR β chain which is heterodimerized with TCR α chain and expressed on a subset of $\alpha\beta$ T cells. TCR $\alpha\beta$ recognizes peptides presented by the MHC molecules and initiates T cell mediated immune responses. Patients with multiple sclerosis present an expansion of V β 5.2+/5.3+ autoreactive T cells.