

## Technical Data Sheet

### Anti-Human TCRbV3.1(TRbV28)

**Catalog Number:** 107101, 107102

**Size:** 100 ug, 500 ug

**Target Name:** TCRbV3.1

**Regulatory Status:** RUO

#### Product Details

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**Clone:** JOVI-3

**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

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The T-cell receptor (TCR) is a protein complex found on the surface of T cells, or T lymphocytes,[1] that is responsible for recognizing fragments of antigen as peptides bound to major histocompatibility complex (MHC) molecules. The binding between TCR and antigen peptides is of relatively low affinity and is degenerate: that is, many TCRs recognize the same antigen peptide and many antigen peptides are recognized by the same TCR.