

**Manufacturer/Supplier:**

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**Product name:** Purified Anti-Mouse TCR $\beta$  Monoclonal Antibody

**Catalog:** DL21543F

**Synonyms:** TCR- $\beta$  chain, TCR- $\beta$ ,  $\beta$ -TCR

**Background:** T cell receptor (TCR) is a heterodimer consisting of an  $\alpha$  and a  $\beta$  chain (TCR  $\alpha/\beta$ ) or a  $\gamma$  and a  $\delta$  chain (TCR  $\gamma/\delta$ ). TCR- $\beta$  is a member of the immunoglobulin superfamily and a component of the CD3/TCR complex (along with TCR- $\alpha$ ). It is expressed on  $\alpha/\beta$  TCR-bearing T cells and thymocytes. The CD3/TCR complex plays a key role in antigen recognition, signal transduction, and T cell activation.

**Form:** Liquid

**Isotype:** Armenian Hamster IgG

**Size:** 25µg/100µg

**Host:** Armenian Hamster

**Reactivity:** Mouse

**Application:** FCM, IHC, IP

**Concentration:** 0.5 mg/mL

**Conjugation:** Unconjugated

### SwissProt:

**Buffer:** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

### Recommended Use:

Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is  $\leq 0.25$  µg per  $10^6$  cells in 100 µL volume or 100 µL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

### Storage:

Keep as concentrated solution.

Store at 2~8°C. Do not freeze.

This product is guaranteed up to one year from purchase.