

## Antibody Data

|                      |                 |               |                        |
|----------------------|-----------------|---------------|------------------------|
| <b>Product SKU:</b>  | <b>AGEL1547</b> | <b>Clone:</b> | <b>H57-597 (HB218)</b> |
| <b>Applications:</b> | <b>FCM</b>      |               |                        |
| <b>Reactivity:</b>   | <b>Mouse</b>    |               |                        |

## Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

## Product Information:

**Alternate Names:** TCR- $\beta$  chain; TCR- $\beta$ ;  $\beta$ -TCR;

**Uniprot ID:** -

**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.

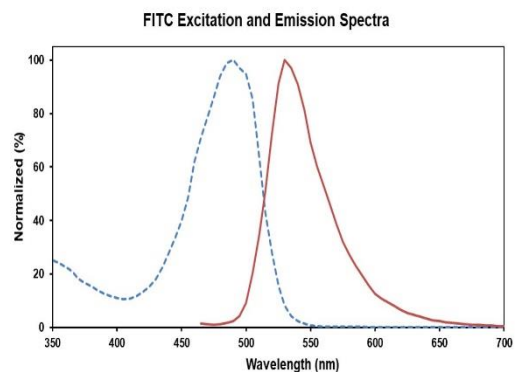
**Form:** Liquid

**Conjugation:** FITC

**Size:** 25 $\mu$ g, 100 $\mu$ g

**Host Species:** Armenian Hamster

**Isotype:** Armenian Hamster IgG



Ex:490 nm; Em:530 nm

**Isotype Control:** FITC Armenian Hamster IgG Isotype Control[PIP] [Product AGEL1547]

**Storage Buffer:** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

**Shipping:** Biological ice pack at 4°C

**Stability & Storage:** Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light. Do not freeze. Centrifuge before opening to ensure complete recovery of vial contents. This product is guaranteed up to one year from purchase.

**Recommended Usage:** Each lot of this antibody is quality control tested by flow cytometric analysis. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1 µg/10<sup>6</sup> cells in 100 µL volume].