



Product Datasheet

Low Endotoxin Purified Anti-Mouse TCR β Antibody [H57-597 (HB218)]

Catalogue Code: AGEL1535

Antibody Data

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| Product SKU: | AGEL1535 | Clone: | H57-597 (HB218) |
| Applications: | FCM;Depletion | | |
| Reactivity: | Mouse | | |

Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

Product Information:

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|-------------------------|---|
| Alternate Names: | TCR- β chain; TCR- β ; β -TCR; |
| Uniprot ID: | - |
| Background: | T cell receptor (TCR) is a heterodimer consisting of an α and a β chain (TCR α/β) or a γ and a δ chain (TCR γ/δ). TCR- β is a member of the immunoglobulin superfamily and a component of the CD3/TCR complex (along with TCR- α). It is expressed on α/β 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: | None (AF/LE) |
| Size: | 50 μ g, 500 μ g, 1mg |
| Host Species: | Armenian Hamster |
| Isotype: | Armenian Hamster IgG |
| Isotype Control: | AF/LE Purified Armenian Hamster IgG Isotype Control[PIP] [Product AGEL1535] |
| Storage Buffer: | 0.2 μ m filtered in PBS, pH 7.2. Azide Free (AF)/Low Endotoxin (LE): Contains no stabilizers or stabilizers. Endotoxin level is < 2 EU/mg as Determined by LAL gel clotting assay. |
| Shipping: | Biological ice pack at 4 $^{\circ}$ 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. For flow cytometric staining, the suggested use of this reagent is $\leq 0.25 \mu\text{g}$ 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.
