



Product Datasheet

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

Catalogue Code: AGEL1536

Antibody Data

Product SKU:	AGEL1536	Clone:	H57-597 (HB218)
Applications:	FCM		
Reactivity:	Mouse		

Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

Product Information:

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:	Unconjugated
Size:	25 μ g, 100 μ g
Host Species:	Armenian Hamster
Isotype:	Armenian Hamster IgG
Isotype Control:	Purified Armenian Hamster IgG Isotype Control[PIP] [Product AGEL1536]
Storage Buffer:	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.
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.