

# PE/Cyanine5 Anti-Mouse TCRbeta Antibody [H57-597 (HB218)]

AGEL1541

## Description

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This PE/Cyanine5 Anti-Mouse TCRbeta Antibody [H57-597 (HB218)] is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

## Product Information

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<b>SKU:</b>	AGEL1541
<b>Contents:</b>	100 Tests, 200 Tests, 50 Tests Bradford Reagent: 1 vial (2ml)
<b>Category:</b>	Monoclonal Antibody
<b>Clonality:</b>	Monoclonal
<b>Clone:</b>	H57-597
<b>Synonyms:</b>	TCR-ββ-TCR, TCR-β chain
<b>Applications:</b>	<a href="#">FCM</a>
<b>Reactivity:</b>	Mouse
<b>Immunogen:</b>	-

## Antibody Data

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<b>Uniprot ID:</b>	-
<b>Gene ID:</b>	21577
<b>Swissprot:</b>	-
<b>Host Species:</b>	Armenian Hamster
<b>Isotype:</b>	Armenian Hamster IgG
<b>Isotype Control:</b>	-

<b>Conjugation:</b>	PE/Cyanine 5
<b>Conjugation Information:</b>	PE/Cyanine5 is designed to be excited by the Blue (488 nm), Green (532 nm) and yellow-green (561 nm) lasers and detected using an optical filter centered near 670 nm (e.g., a 690/50 nm bandpass filter).
<b>Buffer:</b>	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.
<b>Purification:</b>	-
<b>Target:</b>	TCR $\beta$
<b>Cellular Localization:</b>	Membrane
<b>Tissue Specificity:</b>	-
<b>Verified Samples:</b>	-
<b>Concentration:</b>	5 $\mu$ L/Test

## Preparation & Storage

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<b>Storage:</b>	This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze.
<b>Shipping:</b>	Ice bag
<b>Recommended Dilution:</b>	-

**Recommended Usage:**

Application	Recommended Usage
FCM	Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 $\mu$ L of antibody per test (million cells in 100 $\mu$ L staining volume or per 100 $\mu$ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use

**Protein Quantification (Optional):**

To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

**Notes:** Centrifuge before opening to ensure complete recovery of vial contents.