

# PE Anti-Rat CD3 Antibody [G4.18]

AGEL2459

## Description

---

This PE Anti-Rat CD3 Antibody [G4.18] 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

---

<b>SKU:</b>	AGEL2459
<b>Contents:</b>	100µg, 25µg Bradford Reagent: 1 vial (2ml)
<b>Category:</b>	Monoclonal Antibody
<b>Clonality:</b>	Monoclonal
<b>Clone:</b>	G4.18
<b>Synonyms:</b>	T3 and ε $\eta$ chains, CD3, CD3 Complex, T-cell surface glycoprotein CD3 ε'
<b>Applications:</b>	<b>FCM</b>
<b>Reactivity:</b>	Rat
<b>Immunogen:</b>	-

## Antibody Data

---

<b>Uniprot ID:</b>	P19377, Q64159, D4A5M2
<b>Gene ID:</b>	25710, 300678, 315609, 25300
<b>Swissprot:</b>	P19377Q64159D4A5M2
<b>Host Species:</b>	Mouse
<b>Isotype:</b>	Mouse IgG3, κ
<b>Isotype Control:</b>	PE Mouse IgG3, κ Isotype Control [A112-3]

<b>Conjugation:</b>	PE
<b>Conjugation Information:</b>	PE 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 575 nm (e.g., a 585/42 nm bandpass filter).
<b>Buffer:</b>	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.
<b>Purification:</b>	-
<b>Target:</b>	CD3
<b>Cellular Localization:</b>	Membrane
<b>Tissue Specificity:</b>	-
<b>Verified Samples:</b>	-
<b>Concentration:</b>	0.2 mg/mL

## Preparation & Storage

---

**Storage:** This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze.

**Shipping:** Ice bag

**Recommended Dilution:** -

**Recommended Usage:**

Application	Recommended Usage
FCM	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]

**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.