

PE/GenieFluor 594 Anti-Rat CD3 Antibody [G4.18]

AGEL3032

Description

This PE/GenieFluor 594 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

SKU:	AGEL3032
Contents:	100 Tests, 200 Tests, 50 Tests Bradford Reagent: 1 vial (2ml)
Category:	Monoclonal Antibody
Clonality:	Monoclonal
Clone:	G4.18
Synonyms:	T-cell surface glycoprotein CD3 ϵ' , γ , $\epsilon\mu$, and $\epsilon\eta$ chains, CD3 Complex, T3, CD3
Applications:	FCM
Reactivity:	Rat
Immunogen:	-

Antibody Data

Uniprot ID:	P19377, Q64159, D4A5M2
Gene ID:	25710, 300678, 315609, 25300
Swissprot:	P19377Q64159D4A5M2
Host Species:	Mouse
Isotype:	Mouse IgG3, κ
Isotype Control:	PE/GenieFluor 594 Mouse IgG3, κ Isotype Control[A112-3]

Conjugation:	PE/GenieFluor594
Conjugation Information:	PE/GenieFluor 594 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 620 nm (e.g., a 610/20 nm bandpass filter).
Buffer:	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.
Purification:	-
Target:	CD3
Cellular Localization:	Membrane
Tissue Specificity:	-
Verified Samples:	-
Concentration:	5 µL/Test

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. The amount of the reagent is suggested to be used 5 µL of antibody per test (million cells in 100 µL staining volume or per 100 µL 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.

