

FITC Anti-Rat CD3 Antibody [G4.18]

AGEL2458

Description

This FITC 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:	AGEL2458
Contents:	100µg, 25µg Bradford Reagent: 1 vial (2ml)
Category:	Monoclonal Antibody
Clonality:	Monoclonal
Clone:	G4.18
Synonyms:	T3 and ε chain, CD3, CD3 Complex, T-cell surface glycoprotein CD3 ε'
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:	FITC Mouse IgG3, κ Isotype Control[A112-3]

Conjugation:	FITC
Conjugation Information:	FITC is designed to be excited by the Blue laser (488 nm) and detected using an optical filter centered near 530 nm (e.g., a 525/40 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:	0.5 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 ⁶ 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.