Product Datasheet

GenieFluor 488 Anti-Mouse CD3 Antibody [17A2]

Catalogue Code: AGEL0103

Antibody Data

Product SKU:	**AGEL0103**	**Clone:**	**17A2**
Applications:	**FCM**		
Reactivity:	**Mouse**		

Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

Product Information:

Alternate Names: T-cell surface glycoprotein CD 3epsilon/delta/gamma/zeta chain;CD3E/D/G/Z;CD3e/d/g/z;CD3E/D/G/Z;CD3;

Uniprot ID: P04235 P11942 P22646 P24161

Background: CD3, also known as T3, is a member of the Ig superfamily and primarily expressed on T cells, NK-T cells, and at different levels on thymocytes during T cell differentiation. CD3 is composed of CD3ε, δ, γ and ζ chains. It forms a TCR complex by associating with TCR α/β or γ/δ chains. CD3 plays a critical role in TCR signal transduction, T cell activation, and antigen recognition by binding the peptide/MHC antigen complex.

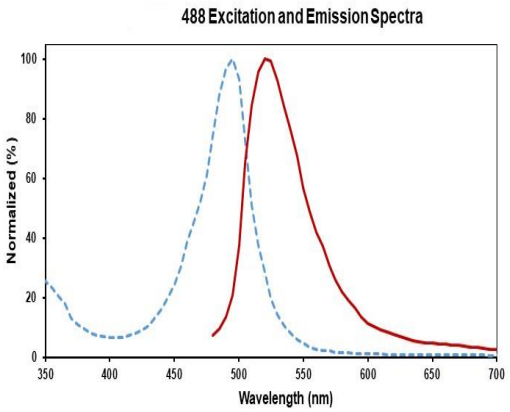
Form: Liquid

Conjugation: Genie Fluor488

Size: 50 Tests, 100 Tests, 200 Tests

Host Species: Rat

Isotype: Rat IgG2b, κ



Isotype Control: Genie Fluor 488 Rat IgG2b, κ Isotype Control[LTF-2] [Product AGEL0103]

Storage Buffer: Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

Shipping: Biological ice pack at 4℃

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. 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.