Product Datasheet

PE/GenieFluor 594 Anti-Mouse CD71 Antibody [R17 217.1.3/TIB-219]

Catalogue Code: AGEL3240

Antibody Data

Product SKU:	**AGEL3240**	**Clone:**	**R17 217.1.3/TIB-219**
Applications:	**FCM**		
Reactivity:	**Mouse**		

Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

Product Information:

Alternate Names: Transferrin receptor protein 1;Tfrc;TR;TfR;TfR1;Trfr;CD71;

Uniprot ID: Q62351

Background: CD71 is a 95 kD type II heterodimeric transmembrane glycoprotein that is also known as T9 and transferrin receptor. CD71 is expressed on proliferating cells, reticulocytes, and erythroid precursors. Its expression is very low on resting leukocytes. CD71 plays a role in the control of cellular proliferation by facilitating the uptake of iron via ferrotransferrin binding and the recycling of apotransferrin to the cell surface.

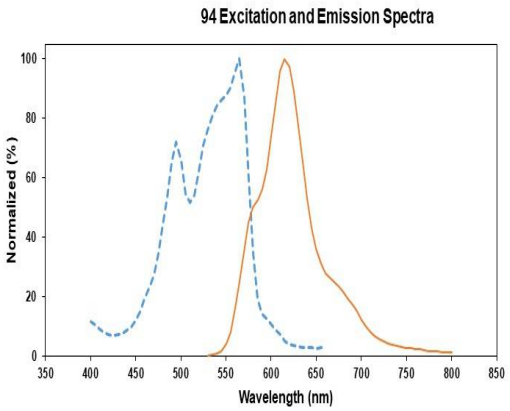
Form: Liquid

Conjugation: PE/Genie Fluor594

Size: 50 Tests, 100 Tests, 200 Tests

Host Species: Rat

Isotype: Rat IgG2a, κ



Isotype Control: PE/Genie Fluor 594 Rat IgG2a, κ Isotype Control[2A3] [Product AGEL3240]

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

Shipping: Biological ice pack at 4°C

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.