

**GenieFluor 647 Anti-Mouse CD45
Antibody [30-F11]
Catalogue Code: AGEL1676**

Antibody Data

Product SKU:	AGEL1676	Clone:	30-F11
Applications:	FCM		
Reactivity:	Mouse		

Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

Product Information:

Alternate Names: Receptor-type tyrosine-protein phosphatase C;Ptprc;L-CA;Ly-5;T200;CD45;

Uniprot ID: P06800

Background: CD45 is a 180-240 kD glycoprotein also known as the leukocyte common antigen (LCA), T200, or Ly-5. It is a member of the protein tyrosine phosphatase (PTP) family, expressed on all hematopoietic cells except mature erythrocytes and platelets. There are different isoforms of CD45 that arise from alternative splicing of exons 4, 5, and 6, which encode A, B, and C determinants, respectively. CD45 plays a key role in TCR and BCR signal transduction. These isoforms are very specific to the activation and maturation state of the cell as well as cell type. The primary ligands for CD45 are galectin-1, CD2, CD3, CD4, TCR, CD22, and Thy-1.

Form: Liquid

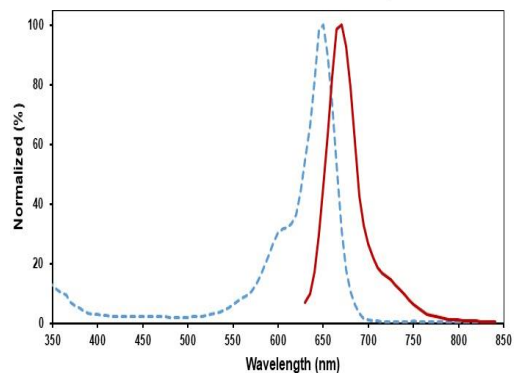
Conjugation: Genie Fluor647

Size: 25µg, 100µg

Host Species: Rat

Isotype: Rat IgG2b, κ

647 Excitation and Emission Spectra



Isotype Control: Genie Fluor 647 Rat IgG2b, κ Isotype Control[LTF-2] [Product AGEL1676]

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. 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/10⁶ cells in 100 µL volume].