Product Datasheet

GenieFluor 647 Anti-Mouse CD31 Antibody [390]

Catalogue Code: AGEL1926

Antibody Data

Product SKU:	**AGEL1926**	**Clone:**	**390**
Applications:	**FCM**		
Reactivity:	**Mouse**		

Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

Product Information:

Alternate Names: Pecam; Pecam-1;PECAM-1;CD31;

Uniprot ID: Q08481

Background: CD31 is a 130-140 kD glycoprotein, also known as platelet endothelial cell adhesion molecule (PECAM-1) and EndoCAM. It is a member of the Ig superfamily, expressed on endothelial cells, platelets, granulocytes, monocytes/macrophages, dendritic cells, and T and B cell subsets, and is critical for cell-cell interactions. The primary ligands for CD31 have been reported to be CD38 and the vitronectin receptor (αv β3 integrin, CD51/CD61). Other reported functions of CD31 are neutrophil emigration to sites of inflammation and angiogenesis.

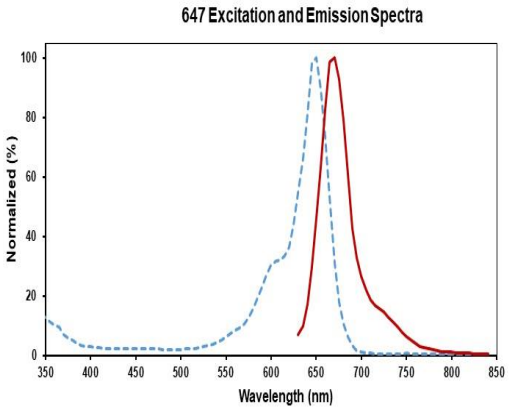
Form: Liquid

Conjugation: Genie Fluor647

Size: 25µg, 100µg

Host Species: Rat

Isotype: Rat IgG2a, κ



Isotype Control: Genie Fluor 647 Rat IgG2a, κ Isotype Control[2A3] [Product AGEL1926]

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. 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].