Product Datasheet

PE/GenieFluor 594 Anti-Mouse CD106 Antibody [M/K-2.7]

Catalogue Code: AGEL3239

Antibody Data

Product SKU:	**AGEL3239**	**Clone:**	**M/K-2.7**
Applications:	**FCM**		
Reactivity:	**Mouse**		

Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

Product Information:

Alternate Names: Vascular cell adhesion protein 1;Vcam1;V-CAM 1;VCAM-1;CD106;

Uniprot ID: P29533

Background: CD106 is a 110 kD glycosylphosphatidylinositol (GPI)-linked transmembrane protein, also known as VCAM-1 and INCAM-110. It is constitutively expressed on bone marrow stromal cells, myeloid progenitors, splenic dendritic cells, activated endothelial cells, as well as some lymphocytes. CD106 expression can be upregulated on endothelial cells by inflammatory cytokines. CD106 is involved in adhesion and acts as a counter-receptor for VLA-4 (α4/β1 integrin) and LPAM-1 (α4/β7 integrin).

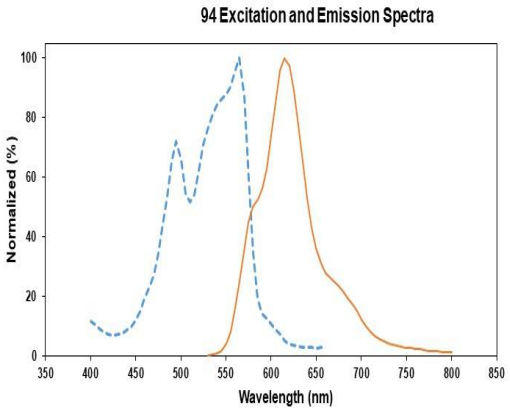
Form: Liquid

Conjugation: PE/Genie Fluor594

Size: 25µg, 100µg

Host Species: Rat

Isotype: Rat IgG1, κ



Isotype Control: PE/Genie Fluor 594 Rat IgG1, κ Isotype Control[HRPN] [Product AGEL3239]

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].