

**GenieFluor 647 Anti-Mouse CD36  
Antibody [HM36]  
Catalogue Code: AGEL3305**

**Antibody Data**

<b>Product SKU:</b>	<b>AGEL3305</b>	<b>Clone:</b>	<b>HM36</b>
<b>Applications:</b>	<b>FCM</b>		
<b>Reactivity:</b>	<b>Mouse</b>		

**Important Note:**

Centrifuge before opening to ensure complete recovery of vial contents.

**Product Information:**

**Alternate Names:** FAT; gpIIIb; gpIV;

**Uniprot ID:** Q08857

**Background:** CD36 is a 85 kD glycoprotein, also known as FAT, gpIIIb, or gpIV. It is a member of the class B scavenger receptor family, expressed on platelets, monocytes, macrophages, megakaryocytes, microvasculature, dendritic cells and mammary endothelial cells. The primary ligands for CD36 have been reported to be oxidized low density lipoprotein, anionic phospholipids, and collagens I, IV, and V. CD36 acts as a scavenger receptor thus promoting the removal of apoptotic neutrophils and other apoptotic bodies, as well as clearance of defective erythrocytes.

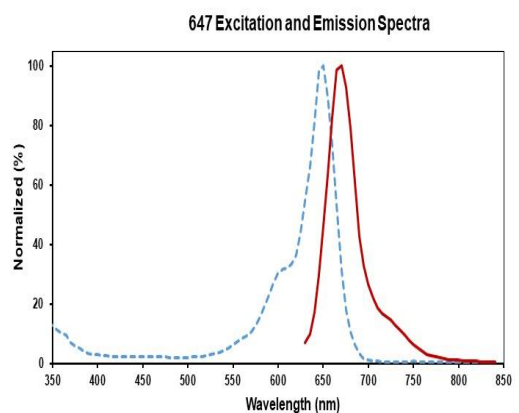
**Form:** Liquid

**Conjugation:** Genie Fluor647

**Size:** 25µg, 100µg

**Host Species:** Armenian Hamster

**Isotype:** Armenian Hamster IgG



**Isotype Control:** Genie Fluor 647 Armenian Hamster IgG Isotype Control[PIP] [Product AGEL3305]

**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/10<sup>6</sup> cells in 100 µL volume].