

**GenieFluor Violet 450 Anti-Human/Mouse/Rat CD47 Antibody [MIAP410]**

Catalogue Code: AGEL2958

**Antibody Data**

<b>Product SKU:</b>	<b>AGEL2958</b>	<b>Clone:</b>	<b>MIAP410</b>
<b>Applications:</b>	<b>FCM</b>		
<b>Reactivity:</b>	<b>Human;Mouse;Rat</b>		

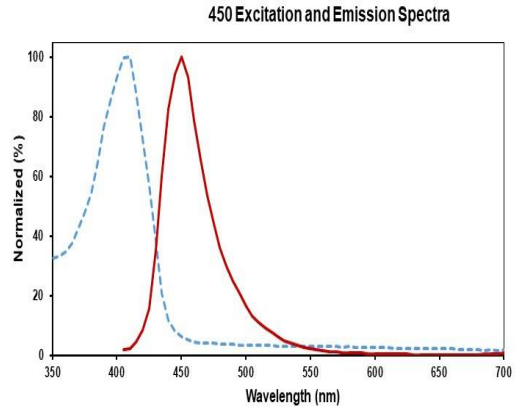
**Important Note:**

Centrifuge before opening to ensure complete recovery of vial contents.

**Product Information:**

**Alternate Names:** Leukocyte surface antigen CD47;Cd47;Integrin-associated protein;IAP;  
**Uniprot ID:** Q08722 Q61735 P97829  
**Background:** CD47, also known as Integrin-Associated Protein (IAP), is a membrane protein of about 50 kD with an IgV-like extracellular domain, a five membrane-spanning segment and a short terminal cytoplasmic region. It is widely expressed on many cell types and often associated with beta 3 integrins. It has been reported that CD47 functions as a self marker. Red cells lacking CD47 were rapidly cleared from the bloodstream by splenic macrophages. By binding to SIRP $\alpha$ , CD47 controls hemostatic innate immune functions, such as phagocytosis and cell trafficking.

**Form:** Liquid  
**Conjugation:** Genie FluorViolet 450  
**Size:** 20 Tests, 100 Tests, 200 Tests  
**Host Species:** Mouse  
**Isotype:** Mouse IgG1,  $\kappa$



**Isotype Control:** Genie Fluor Violet 450 Mouse IgG1,  $\kappa$  Isotype Control[MOPC-21] [Product AGEL2958]  
**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  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

---