

Manufacturer/Supplier:

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Product name: Anti-Human/Mouse/Rat CD47 Monoclonal
Antibody(AF647 Conjugated)

Catalog: DL20305F

Synonyms: Leukocyte surface antigen
CD47, Cd47, Integrin-associated protein, IAP

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 α , CD47 controls hemostatic innate

immune functions, such as phagocytosis and cell trafficking.

Form: Liquid

Isotype: Mouse IgG1, κ

Size: 20 Tests/50 Tests/100 Tests/200 Tests

Host: Mouse

Reactivity: Human, Mouse, Rat

Application: FCM

Concentration:

Conjugation: AF647

SwissProt: Q08722,Q61735,P97829

Buffer: PBS with 0.05% Proclin300, 1% BSA

Recommended Use:

Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. The amount of the reagent is suggested to be used 5 μL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

Storage:



Keep as concentrated solution.

Store at 2~8°C and protected from prolonged exposure to light. Do not freeze.

This product is guaranteed up to one year from purchase.