

Manufacturer/Supplier:

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

Catalog: DL20297F

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:

Host: Mouse

20Tests/100Tests/100Tests \times 2

Reactivity: Human, Mouse, Rat

Application: FCM

Concentration: 5 μ L

Conjugation: PE

SwissProt: Q08722,Q61735,P97829

Buffer: Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

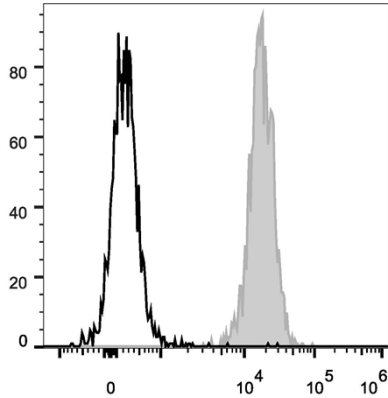
Recommended Use:

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

Data:

C57BL/6 murine splenocytes are stained with

Anti-Human/Mouse/Rat CD47 Monoclonal Antibody(PE Conjugated)(filled gray histogram). Unstained splenocytes (empty black histogram) are used as control.



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.