

Manufacturer/Supplier:

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

Catalog: DL20295F

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: 25 μ g/100 μ g

Host: Mouse

Reactivity: Human, Mouse, Rat

Application: FCM

Concentration: 0.5 mg/mL

Conjugation: Biotin

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. For flow cytometric staining, the suggested use of this reagent is $\leq 1.0 \mu\text{g}$ per 10^6 cells in 100 μL volume or 100 μL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

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.