

Manufacturer/Supplier:

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Product name: AF/LE Purified Anti-Mouse CD71 Monoclonal
Antibody

Catalog: DL21059F

Synonyms: Transferrin receptor protein
1, Tfrc, TR, TfR, TfR1, Trfr, CD71

Background: CD71 is a 95 kD type II heterodimeric transmembrane glycoprotein that is also known as T9 and transferrin receptor. CD71 is expressed on proliferating cells, reticulocytes, and erythroid precursors. Its expression is very low on resting leukocytes. CD71 plays a role in the control of cellular proliferation by facilitating the uptake of iron via ferrotransferrin binding and the recycling of apotransferrin to the cell surface.

Form: Liquid

Isotype: Rat IgG2a, κ

Size: 50 μ g/500 μ g/1mg

Host: Rat

Reactivity: Mouse

Application: FCM

Concentration: 0.5 mg/mL

Conjugation: None (Purified antibody, Azide Free/Low endotoxin)

SwissProt: Q62351

Buffer: 0.2 μ m filtered in PBS, pH 7.2. Azide Free (AF)/Low Endotoxin (LE): Contains no stabilizers or

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 $\leq 2.0 \mu\text{g}$ 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. Do not freeze.

This product is guaranteed up to one year from purchase.