

Manufacturer/Supplier:

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Product name: Purified Anti-Human CD53 Monoclonal Antibody

Catalog: DL20616F

Synonyms: Leukocyte surface antigen CD53, CD53, Cell surface glycoprotein
CD53, Tetraspanin-25, Tspan-25, MOX44, TSPAN25

Background: CD53 is a 35-42 kD type III tetraspan membrane protein. It is expressed on all leukocytes, but not on platelets or erythrocytes. CD53 is thought to be involved in signal transduction. It has been shown to interact with a number of proteins including IL-4, CD20, CD2, CD9, IL-2, VLA-4, and CD4. Cross-linking of CD53 promotes B cell activation. The CD53 antigen is highly glycosylated and treatment with endoglycosidase F reduces the apparent molecular weight of this protein by

approximately 25 kD.

Form: Liquid

Isotype: Mouse IgG2a, κ

Size: 25 μ g/100 μ g

Host: Mouse

Reactivity: Human

Application: FCM

Concentration: 0.5 mg/mL

Conjugation: Unconjugated

SwissProt: P19397

Buffer: PBS with 0.05% Proclin300

Recommended Use:

Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is ≤ 2.0 μ g per 10^6 cells in 100 μ l volume or 100 μ l 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.