



FAB167Hu32

PE/Cy5.5-Linked Anti-Cluster Of Differentiation 4 (CD4)

Monoclonal Antibody

Organism Species: *Homo sapiens* (Human)

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Monoclonal antibody preparation

Host: Mouse

Purification: Protein A + Protein G affinity chromatography.

Label: PE/Cy5.5

Clone number: C5

Antibody isotype: IgG2a Kappa

Original Antibody: MAB167Hu22

Traits: Liquid

Concentration: 0.2mg/ml

UOM: 100Test

Applications: WB; IHC; ICC; IF; FCM.

[IMMUNOGEN]

Immunogen: Recombinant CD4 (Lys26~Trp390) expressed in *E.coli*.

Accession No.: RPB167Hu01

[APPLICATIONS]

For flow cytometry, the suggested use of this reagent is 1 µg per 10⁶ cells in 100 µl volume.

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in 10 mM Tris, 150 mM NaCl, pH 8.2 , 50% glycerol , 0.05% Proclin-300.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Keep in Dark Place

Store at 4°C for frequent use.

Aliquot and store at -20°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Note: As fluorescence can photobleach when exposed to light, so the antibody must be protected from light.

[Important Note]

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.

