

CD4 Antibody

CAB0362

Description

This CD4 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU: CAB0362

Contents: 20 μ L, 100 μ L
Bradford Reagent: 1 vial (2ml)

Category: Polyclonal Antibody

Synonyms: T4, IMD79, Leu-3, OKT4D, CD4mut, CD4

Clone: -

Applications: **WB** **IF/ICC** **ELISA** **IF-P**

Conjugation: Unconjugated

Reactivity: Human, Mouse, Rat

Antibody Data

Gene ID: 920

Uniprot: AB_2757146

Host Species: Rabbit

Purification: Affinity purification

Observed MW: 51kDa

Calculated MW: 51kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% sodium azide, 50% glycerol, pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

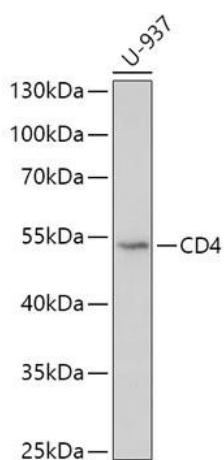
Positive Sample: U-937

Recommended Dilutions:

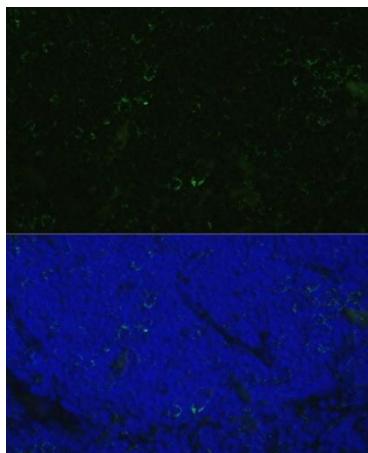
| | |
|---------------|---|
| WB | 1:500 - 1:2000 |
| IF/ICC | 1:50 - 1:200 |
| IF-P | 1:50 - 1:200 |
| ELISA | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

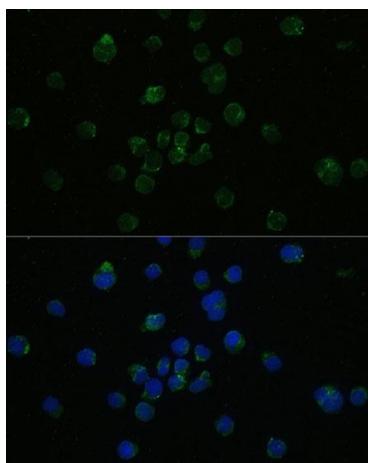
Validation Data



Western blot analysis of lysates from U-937 cells, using Rabbit pAb (CAB0362) at 1:500 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 30s.



Immunofluorescence analysis of Rat thymus cells using Rabbit pAb (CAB0362) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of Jurkat cells using Rabbit pAb (CAB0362) at dilution of 1:100. Blue: DAPI for nuclear staining.