

IL2 Monoclonal Antibody

CAB22200

Description

This IL2 Monoclonal 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: CAB22200
Contents: 20 µL, 100 µL
Bradford Reagent: 1 vial (2ml)
Category: Monoclonal Antibody
Synonyms: IL-2, IL2
Clone: ARC55614
Applications: WB ELISA
Conjugation: Unconjugated
Reactivity: Mouse

Antibody Data

Gene ID: 16183
Uniprot: -
Host Species: Rabbit
Purification: Affinity purification
Observed MW: 22kDa (Recombinant Protein)/19 kDa
Calculated MW: 19kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

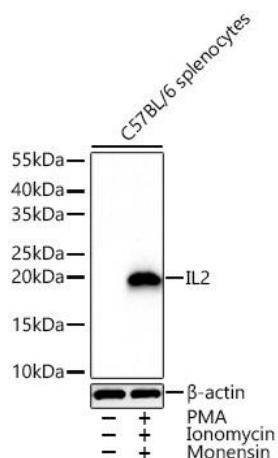
Positive Sample: C57BL/6 splenocytes treated with PMA, ionomycin and monensin; Recombinant Mouse IL-2 protein

Recommended Dilutions:

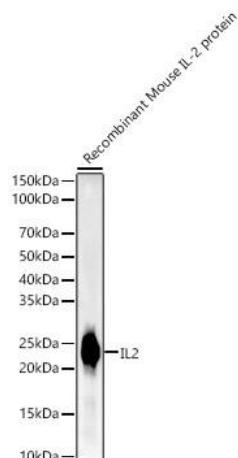
WB	1:1000 - 1:5000
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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 C57BL/6 splenocytes using Rabbit mAb (CAB22200) at 1:1000 dilution incubated overnight at 4°C. C57BL/6 splenocytes treated with PMA (50 ng/mL), ionomycin (1ug/mL) at 37°C for 1 hour and monensin (2 uM) at 37°C for 4 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 30 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 20 s.



Western blot analysis of Recombinant Mouse IL-2 Protein, using Rabbit mAb (CAB22200) at 1:2000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 10ng per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 0.2s.