

IL2 Antibody

CAB16317

Description

This IL2 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: CAB16317
Contents: 20 μ L, 100 μ L
Bradford Reagent: 1 vial (2ml)
Category: Polyclonal Antibody
Synonyms: IL-2, TCGF, lymphokine, IL2
Clone: -
Applications: **WB** **IHC-P** **ELISA**
Conjugation: Unconjugated
Reactivity: Human, Mouse, Rat

Antibody Data

Gene ID: 3558
Uniprot: AB_2769950
Host Species: Rabbit
Purification: Affinity purification
Observed MW: 15kDa/16kDa/18kDa
Calculated MW: 18kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

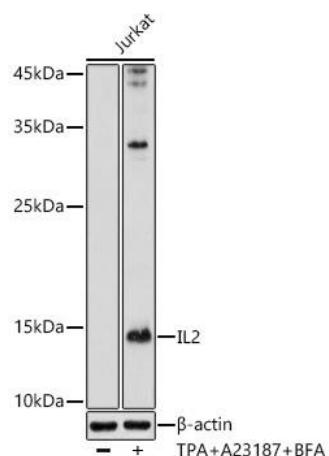
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: Recombinat Human IL2 Protein, Jurkat treated with TPA , A23187 and Brefeldin A

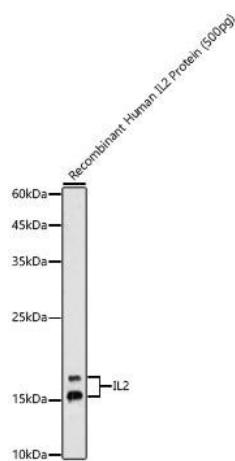
Recommended Dilutions:	WB	1:500 - 1:1000
	IHC-P	1:50 - 1:200
	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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

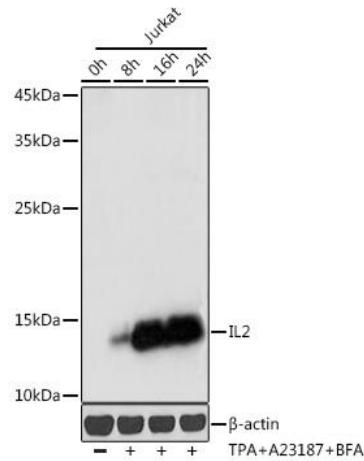
Validation Data



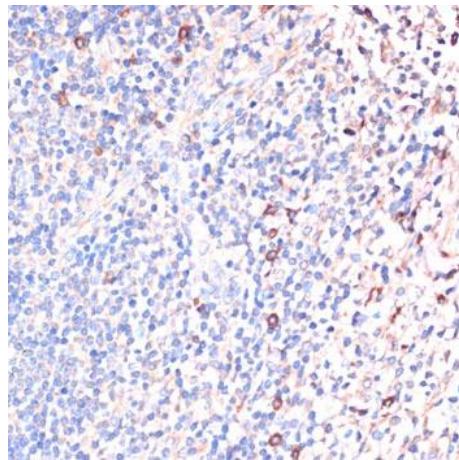
Western blot analysis of lysates from Jurkat cells, using Rabbit pAb (CAB16317) at 1:1000 dilution. Jurkat cells were treated with TPA (40 nM),CAB23187 (2µM) and Brefeldin A (300 ng / ml) for 0-24hours Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 30s.



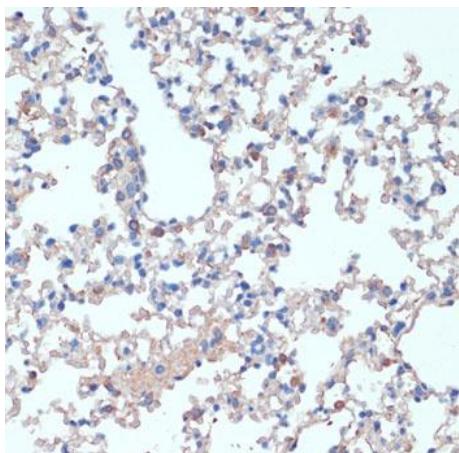
Western blot analysis of Recombinant Human Protein, using Rabbit pAb (CAB16317) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 500pg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 90s.



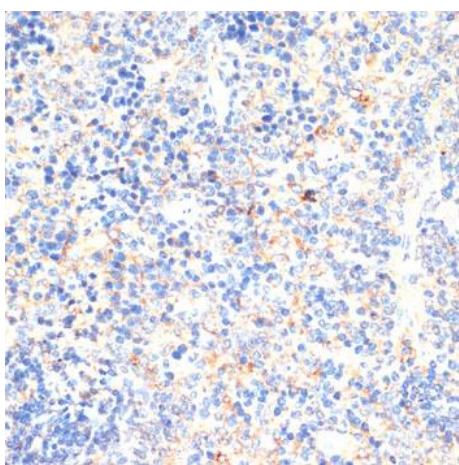
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Immunohistochemistry analysis of paraffin-embedded Human tonsil using Rabbit pAb (CAB16317) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse lung using Rabbit pAb (CAB16317) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse spleen using Rabbit pAb (CAB16317) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.