

## Caspase-3 p12 Monoclonal Antibody

**CAB19664**

### Description

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This Caspase-3 p12 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

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**SKU:** CAB19664  
**Contents:** 20 µL, 100 µL  
Bradford Reagent: 1 vial (2ml)  
**Category:** Monoclonal Antibody  
**Synonyms:** CPP32, SCA-1, CPP32B  
**Clone:** ARC0143  
**Applications:** **WB** | **IHC-P** | **ELISA**  
**Conjugation:** Unconjugated  
**Reactivity:** Human, Mouse, Rat

### Antibody Data

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**Gene ID:** 836  
**Uniprot:** -  
**Host Species:** Rabbit  
**Purification:** Affinity purification  
**Observed MW:** 12kDa/32kDa  
**Calculated MW:** 32kDa

## Preparation & Storage

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**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, 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:** Jurkat treated with Etoposide, NIH/3T3 treated with Etoposide

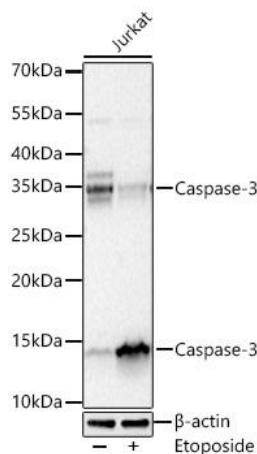
**Recommended Dilutions:**

<b>WB</b>	1:2000 - 1:10000
<b>IHC-P</b>	1:100 - 1:500
<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

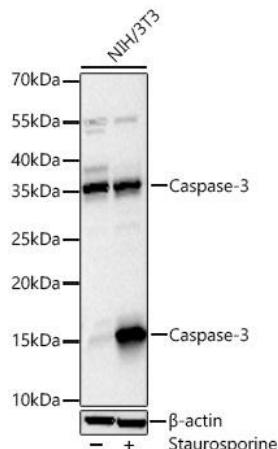
**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

## Validation Data

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Western blot analysis of lysates from Jurkat cells using Caspase-3 Rabbit mAb (CAB19664) at 1:5000 dilution incubated overnight at 4°C. Jurkat cells were treated with Etoposide (25 µM) at 37°C for 5 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: 20s.



Western blot analysis of lysates from NIH/3T3 cells using Caspase-3 Rabbit mAb (CAB19664) at 1:5000 dilution incubated overnight at 4°C. NIH/3T3 cells were treated with Staurosporide (1  $\mu$ M) at 37°C for 5 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 30  $\mu$ g per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 45s.

