

Caspase-1 p20 Monoclonal Antibody

CAB23429

Description

This Caspase-1 p20 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: CAB23429
Contents: 20 µL, 100 µL
Bradford Reagent: 1 vial (2ml)
Category: Monoclonal Antibody
Synonyms: ICE, P45, IL1BC, Caspase-1 p20
Clone: ARC60705
Applications: **WB** **ELISA**
Conjugation: Unconjugated
Reactivity: Human

Antibody Data

Gene ID: 834
Uniprot: -
Host Species: Rabbit
Purification: Affinity purification
Observed MW: 20-25kDa
Calculated MW: 10KDa/29KDa/35KDa/42KDa/45KDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% Sodium azide,0.05% BSA,50% glycerol,pH7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

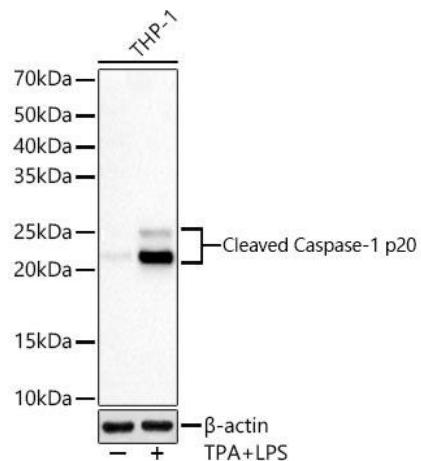
Positive Sample: THP-1 treated with TPA and LPS

Recommended Dilutions:

WB	1:2000 - 1:8000
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 THP-1 cells using Cleaved Caspase-1 p20 Rabbit mAb (CAB23429) at 1:2000 dilution. THP-1 cells were treated with PMA/TPA (80 nM) at 37°C for overnight and LPS (1 µg/ml) at 37°C for 6 hours. 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.