

## Anti-pro Caspase 3 CASP3 Rabbit Monoclonal Antibody

Catalog Number: M00334-1

### About CASP3

C3 plays a central role in the activation of the complement system. Its processing by C3 convertase is the central reaction in both classical and alternative complement pathways. After activation C3b can bind covalently, via its reactive thioester, to cell surface carbohydrates or immune aggregates.

### Overview

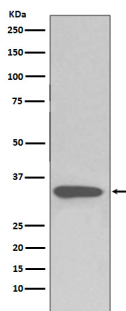
Product Name	Anti-pro Caspase 3 CASP3 Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-pro Caspase 3 CASP3 Rabbit Monoclonal Antibody catalog # M00334-1. Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse.
Application	Flow Cytometry, IP, IF, IHC, ICC, WB
Clonality	Monoclonal GAG-3
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P42574

### Technical Details

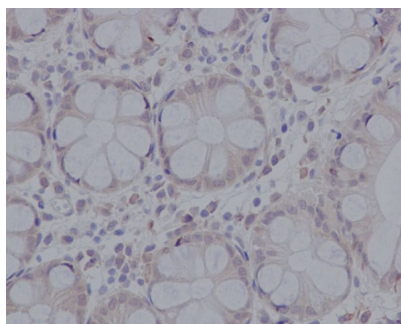
Immunogen	A synthesized peptide derived from human pro Caspase 3
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used:

	WB 1:1000-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200 IP 1:50 FC 1:50
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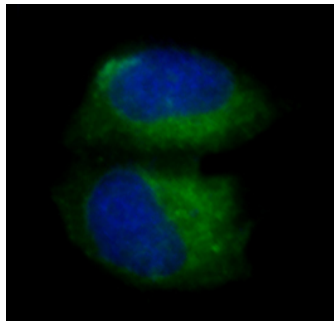
## Anti-pro Caspase 3 CASP3 Rabbit Monoclonal Antibody (M00334-1) Images



Western blot analysis of pro Caspase 3 expression in Jurkat cell lysate.



Immunohistochemical analysis of paraffin-embedded human colon, using pro Caspase 3 Antibody.



Immunofluorescent analysis of HeLa cells, using pro Caspase 3 Antibody.

## 26 Publications Citing This Product

1. PubMed ID: 31702040, Zhang Z,Wang J,Zhu Y,Zhang H,Wang H.Astragaloside IV alleviates myocardial damage induced by type 2 diabetes via improving energy metabolism.Mol Med Rep.2019 Nov;20(5):4612-4622.doi:10.3892/mmr.2019.10716.Epub 2019 Oct 1.PMID:31702040; PMCID:PMC6797977.
2. PubMed ID: -, Jia-Hui Yan,Yi-Shun Ji,Man-Li Yang,Jun Fu,Hu Shan,Li-Li Wang,Lei Zhang,Jing-Yuan Xiao,Xiao-Ying Kong, and Jin-Sheng Shi ACS Applied Nano Materials 2020 3 (9), 8817-8828 DOI: 10.1021/acsanm.0c01607
3. PubMed ID: 33382670, Chen H,Sheng H,Zhao Y,Zhu G.Piperine Inhibits Cell Proliferation and Induces Apoptosis of Human Gastric Cancer Cells by Downregulating Phosphatidylinositol 3-Kinase (PI3K)/Akt Pathway.Med Sci Monit.2020 Dec 31;26:e928403.doi:10.12659/MSM.928403.PMID:33382

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