

Anti-Caspase-3 CASP3 Rabbit Monoclonal Antibody

Catalog Number: M00334-5

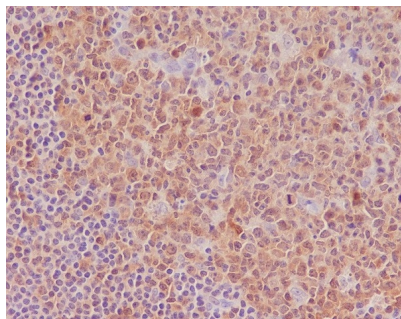
Overview

Product Name	Anti-Caspase-3 CASP3 Rabbit Monoclonal Antibody
Reactive Species	Human, Rat
Description	Anti-Caspase-3 Rabbit Monoclonal Antibody tested for Flow Cytometry, IP, IF, IHC, ICC, WB in Human, Rat
Application	IP, IF, IHC, WB
Clonality	Monoclonal AOE-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	At -20°C for one year. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P42574

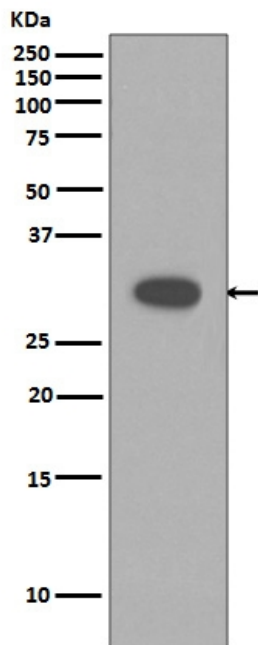
Technical Details

Immunogen	A synthesized peptide derived from human Caspase-3
Form	Liquid
Concentration	0.5-1mg/ml, actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200 IP 1:50 For protocols please visit https://www.bosterbio.com/protocol-and-troubleshooting/

Anti-Caspase-3 CASP3 Rabbit Monoclonal Antibody (M00334-5) Images



Immunohistochemical analysis of paraffin-embedded human tonsil, using Caspase-3 Antibody(M00334-5)
CASP3 was detected in paraffin-embedded tissue section. Heat mediated antigen retrieval was performed in citrate buffer (pH6, epitope retrieval solution) for 20 mins. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1ug/ml rabbit anti-CASP3 Antibody (M00334-5) overnight at 4°C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC)(Catalog # SA1022) with DAB as the chromogen.



Western blot analysis of Caspase-3 in HEK293 cell lysate (M00334-5).
Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 50ug of sample under reducing conditions.
After Electrophoresis, proteins were transferred to a Nitrocellulose membrane at 150mA for 50-90 minutes. Blocked the membrane with 5% Non-fat Milk/ TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-CASP3 monoclonal antibody (Catalog # M00334-5) overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:10000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for CASP3

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