BOSTER BIOLOGICAL TECHNOLOGY
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Anti-FLASH CASP8AP2 Antibody

Catalog Number: A03925

About CASP8AP2

A novel mammalian CED-4 homologous was recently identified and cloned in mouse and human and designated FLASH (for FLICE-associated huge protein). FLASH is involved in Fas induced apoptosis. It is recruited to Fas after the receptor cross-linking. Overexpression of wild type of FLASH facilitates and its dominant negative form inhibits Fas induced apoptosis. FLASH interacts with the DEDs of caspase-8 and FADD through the DED-like domain of FLASH and mediates activation of caspase-8. There are parallels between FLASH and Apaf-1/CED-4 although there are arguments against their structural similarity. FLASH is widely expressed.

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Overview

Product Name	Anti-FLASH CASP8AP2 Antibody
Reactive Species	Human
Description	Boster Bio Anti-FLASH CASP8AP2 Antibody (Catalog # A03925). Tested in ELISA, WB, ICC, IF applications. This antibody reacts with Human.
Application	ELISA, IF, ICC, WB
Clonality	Polyclonal
Formulation	FLASH Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	FLASH antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q9UKL3

Technical Details

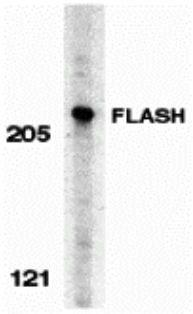
Immunogen	FLASH antibody was raised against a synthetic peptide corresponding to amino acids near the carboxy terminus of human FLASH which differ from those of mouse by one amino acid. The immunogen is located within the last 50 amino acids of FLASH.
Predicted Reactive Species	Mouse

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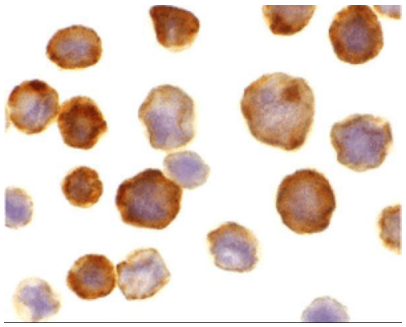
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	FLASH Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	FLASH antibody can be used for detection of FLASH by Western blot at 0.5 ug/mL. An approximate 220 kDa band can be detected. Antibody can also be used for immunocytochemistry starting at 10 ug/mL. For immunofluorescence start at 10 ug/mL. Antibody validated: Western Blot in human samples; Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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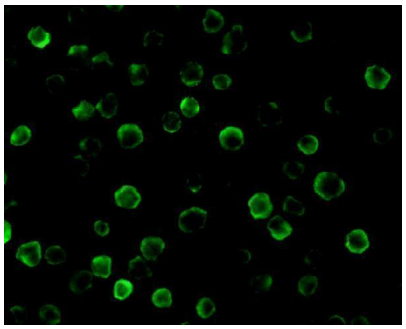
Anti-FLASH CASP8AP2 Antibody (A03925) Images



Western blot analysis of FLASH in HeLa whole cell lysate with FLASH antibody at 0.5 ug/mL.



Immunocytochemistry of FLASH in HeLa cells with FLASH antibody at 10 ug/mL.



Immunofluorescence of FLASH in HeLa cells with FLASH antibody at 10 ug/mL.

Anti-FLASH CASP8AP2 Antibody

For Research Use Only. Not for use in diagnostic procedures.