BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-FLIP CFLAR Antibody

Catalog Number: A01295-2

About CFLAR

Apoptosis is related to many diseases and induced by a family of cell death receptors and their ligands. Cell death signals are transduced by death domain (DD)- containing adapter molecules and members of the ICE/CED-3 protease family. Caspases-8 (FLICE) and -10 (FLICE2) are two pivotal members in the ICE/CED-3 protease family. FLICE-inhibitory proteins were identified in virus and human and designated v-FLIPs and FLIP, respectively. The human FLIP was also cloned by several labs independently and termed Casper, I-FLICE, FLAME-1, CASH and CLARP3-7. FLIP contains two death effector domains (DEDs) and a caspase-like domain. FLIP interacts with adapter protein FADD and caspase-8 and 10, and potently inhibits apoptosis induced by all known death receptors. Four splice variants of c-FLIPs have been identified and termed FLIPalpha, beta, gamma, and delta, respectively.

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Overview

Product Name	Anti-FLIP CFLAR Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-FLIP CFLAR Antibody (Catalog # A01295-2). Tested in ELISA, WB, IHC-P, ICC, IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, Flow Cytometry, IF, IHC-P, ICC, WB
Clonality	Polyclonal
Formulation	FLIP Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	FLIP 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	O15519

Technical Details

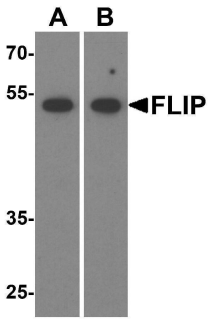
Immunogen	FLIP antibody was raised against a peptide corresponding to 17 amino acids near the amino terminus of human FLIP. The sequence is identical in all FLIP splice variants. The immunogen is located within the first 50 amino acids of FLIP.

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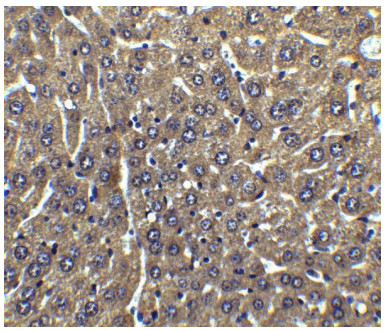
Predicted Reactive Species	Human
Cross Reactivity	FLIP recognizes all FLIP splice variants including FLIPa, b, and y.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	FLIP Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	FLIP antibody can be used for Western blot at 1 - 2 ug/mL. Antibody can also be used for immunocytochemistry starting at 5 ug/mL and immunohistochemistry starting at 5 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in human and mouse samples; Immunohistochemistry in mouse samples; Immunocytochemistry in human samples and Immunofluorescence in human and mouse samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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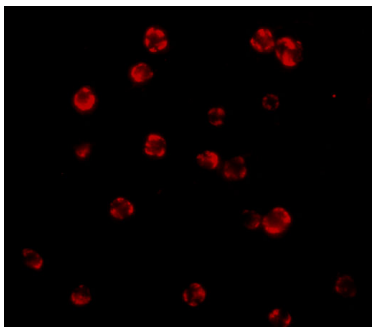
Anti-FLIP CFLAR Antibody (A01295-2) Images



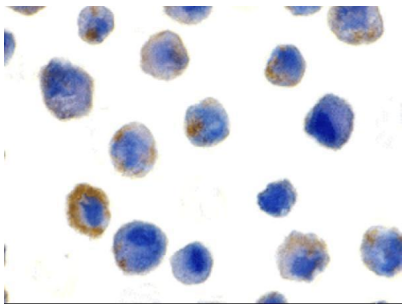
Western blot analysis of FLIP in (A) HeLa cell and (B) mouse liver tissue lysate with FLIP antibody at 1 ug/ml.



Immunohistochemistry of FLIP in mouse liver tissue with FLIP antibody at 5 ug/mL.



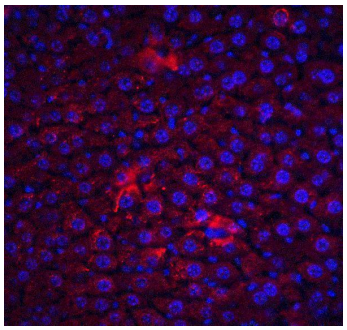
Immunofluorescence of FLIP in HeLa cells with FLIP antibody at 20 ug/mL.



Immunocytochemistry of FLIP in HeLa cells with FLIP antibody at 5 ug/mL.

Immunofluorescence of FLIP in mouse liver tissue with FLIP antibody at 20 ug/ml.Red: FLIP Antibody (A01295-2) Blue: DAPI staining

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