

Datasheet for 200-401-983**FLIP Alpha Antibody****Overview**

Description:	Anti-FLIP alpha (RABBIT) Antibody - 200-401-983
Item No.:	200-401-983
Size:	100 µg
Applications:	ELISA, IF, IHC, WB
Reactivity:	Human, Mouse, Rat
Host Species:	Rabbit

Product Details

Background:	Apoptosis is related to many diseases and is 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 CLARP. 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 FLIPs have been identified and termed FLIP α , β , γ , and δ , respectively. Anti-FLIP antibody is ideal for investigators involved in Apoptosis, Cytokines and Growth factor research.
Synonyms:	c FLIP antibody, c FLIPL antibody, c FLIPR antibody, c FLIPS antibody, CASH antibody, CASP8 and FADD like apoptosis regulator antibody, CASP8 and FADD like apoptosis regulator precursor antibody, CASP8 antibody, CASP8AP1 antibody, FLIP-L; CLARP1; MRIT alpha-1; CASH alpha; I-FLICE 1; FLAME-1 gamma
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	CFLAR
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Reactivity:	Human, Mouse, Rat
Immunogen Type:	Conjugated Peptide
Immunogen:	FLIP Antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to amino acids near the carboxyl terminus of the human FLIP α /FLIP _L protein.
Purity/Specificity:	Anti-FLIP Antibody is affinity chromatography purified via peptide column. The product was purified from monospecific antiserum by DEAE ion exchange chromatography. The antibody is human, mouse and rat reactive and is specific for the a splice variant. Reactivity against homologues from other sources has not been determined.
Relevant Links:	• UniProtKB - O15519 • NCBI - 187608571 • GeneID - 8837

Application Details

Tested Applications:	ELISA, IF, IHC, WB
Application Note:	FLIP Antibody has been tested for use in ELISA, western blotting, Immunofluorescence, and Immunohistochemistry. HeLa whole cell lysate can be used as a positive control in western blotting, and a band at approximately 55 kDa is expected. Specific conditions for reactivity should be optimized by the end user.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	User Optimized
IF:	10 μ g/ml
WB:	0.5-1 μ g/ml

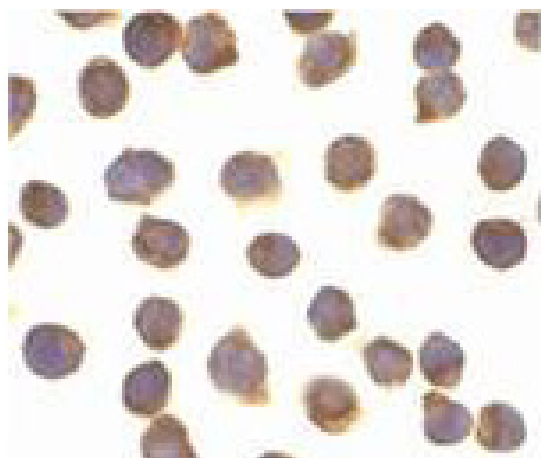
Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1.0 mg/mL by UV absorbance at 280 nm
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

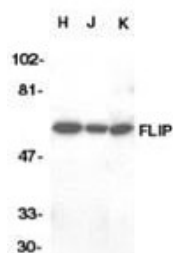
Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

Images



Immunohistochemistry

Immunocytochemistry of FLIP in Jurkat cells with FLIP antibody at 10 µg/ml.



Western Blot

Western blot analysis of FLIP in HeLa (H), Jurkat (J), and K562 (K) whole cell lysates with FLIP antibody at 0.5 µg/ml.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.