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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

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 FLIPα/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 ug/ml
WB:	0.5-1 µg/ml

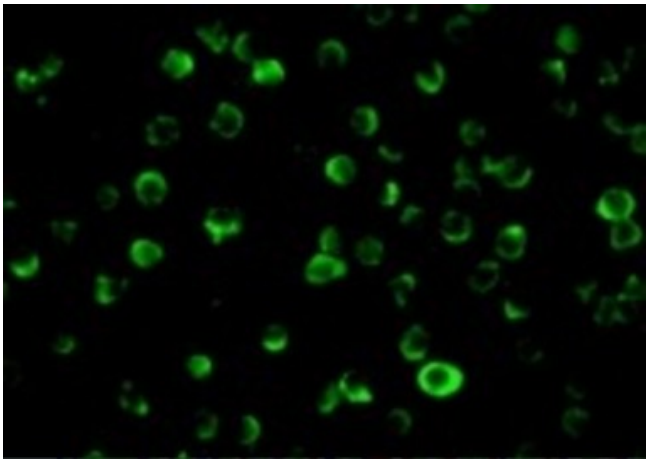
Formulation

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

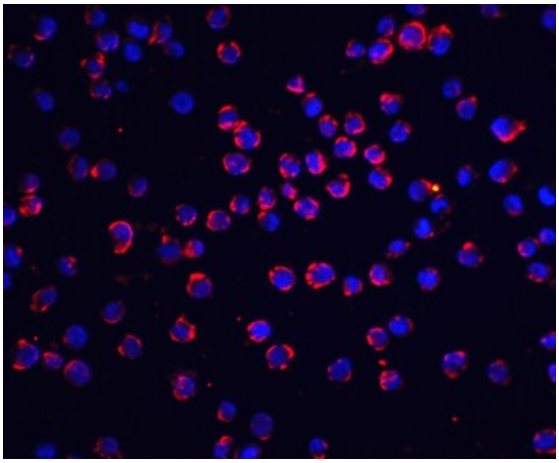
Shipping & Handling

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.

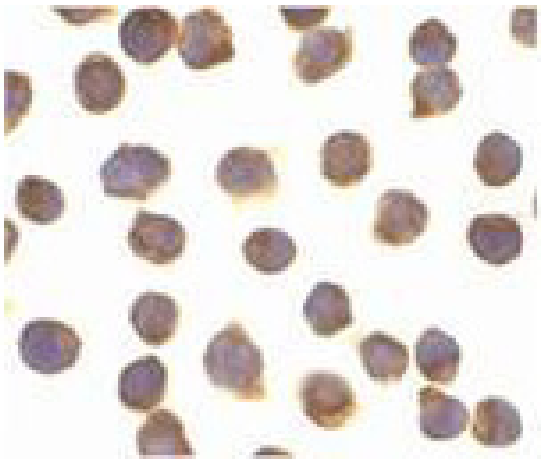
Images



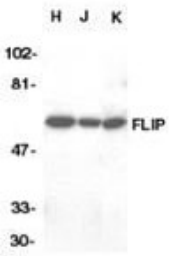
Immunofluorescence Microscopy
Immunofluorescence of FLIP in Jurkat cells with FLIP antibody at 10 µg/mL.



Immunofluorescence Microscopy
Immunofluorescence of FLIP in K562 cells with FLIP antibody at 5 µg/mL. Red: FLIP Antibody. Blue: DAPI staining.



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

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