

FLIP Antibody

Catalog No: #24045

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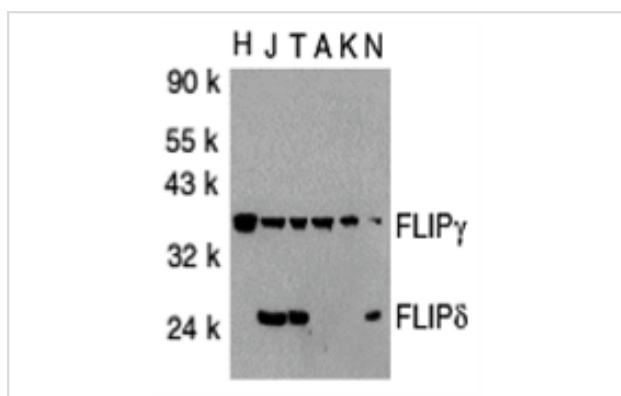
Description

Product Name	FLIP Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB ICC
Species Reactivity	Hu
Specificity	Antibody recognizes human and murine FLIPgamma and FLIPdelta but not FLIPalpha and FLIPbeta.
Immunogen Type	Peptide
Immunogen Description	Raised against a peptide corresponding to amino acids 191 to 209 at C-terminus of human FLIP form2.
Target Name	FLIP
Other Names	FLIPs, FLIPg, d
Accession No.	Swiss-Prot:O15519Gene ID:8837
Uniprot	O15519
GeneID	8837;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

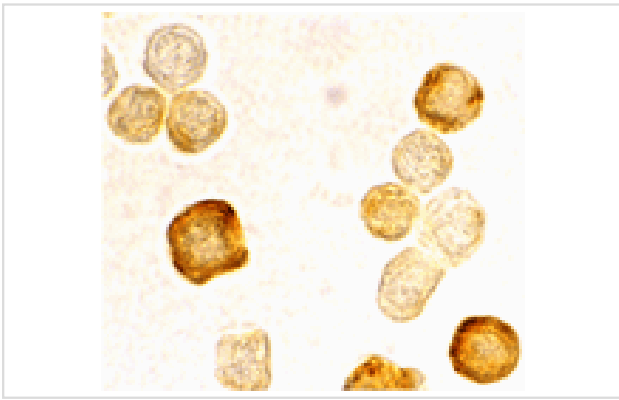
Application Details

Predicted MW: 35 kd and 25 kd

Images



Western blot analysis of FLIP in total cell lysates from HeLa (H), Jurkat (J), THP-1 (T), A431 (A), K562 (K) and NIH3T3 (N) cells with FLIP antibody at 1:1000 dilution.



Immunocytochemistry staining of HeLa cells using FLIP antibody at 2 ug/mL.

Background

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 c-FLIPs, respectively. The human FLIPs were also cloned by several labs independently and termed Casper, I-FLICE, FLAME-1, CASH, CLARP and usurpin. 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 CD95, DR3, TRAIL-R and TNFR1. Four splice variants of c-FLIPs have been identified and termed FLIPalpha, beta, gamma, and delta, respectively.

Note: This product is for in vitro research use only