

## Anti-FLIP $\gamma/\delta$ (CT) Antibody

### ORDERING INFORMATION

**Catalog No.:** 2407

**Size:** 100ug IgG in PBS, pH 7.4, purified by immunoaffinity chromatography.

### BACKGROUND

Caspase-8 (FLICE) and -10 (FLICE2) are two pivotal members of the ICE/CED-3 protease family. FLICE-inhibitory proteins have been identified in viruses and human cells and are designated  $\nu$ -FLIPs and FLIP, respectively. Human FLIP was cloned by several independent laboratories and designated Casper, I-FLICE, FLAME-1, CASH, and CLARP. FLIP contains two death effector domains and a caspase-like domain. FLIP interacts with adapter protein FADD and caspase-8 and -10 and potently inhibits apoptosis induced by death receptors CD95, DR3, TRAIL-R, and TNFR1. Four splice variants of FLIP have been identified and designated FLIP $\alpha$ ,  $\beta$ ,  $\gamma$ , and  $\delta$ .

### SPECIFICATION SUMMARY

**Antigen:** Peptide corresponding to aa 191-209 at the C-terminus of human FLIP $\delta$ /FLIP $\gamma$  form (accession no. AAC51623).

**Host Species:** Rabbit

**Stabilizers:** None

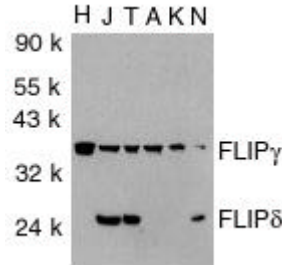
**Preservatives:** 0.02% sodium azide.

### SPECIFICITY

This antibody recognizes human FLIP $\gamma$  (35kDa) and FLIP $\delta$  (25kDa) but not FLIP $\alpha$  or FLIP $\beta$ .

### APPLICATIONS

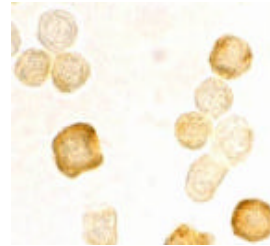
**Immunoblotting :** use at 1ug/ml.



Western blot analysis of FLIP $\gamma/\delta$  in cell lysates from HeLa (H), Jurkat (J), THP-1 (T), A431 (A), K562 (K) and NIH3T3 (N) cells with FLIP $\gamma/\delta$  antibody at 1ug/ml.

**Positive control:** Whole cell lysate from HeLa, Jurkat, THP-1, A431, K562, or NIH3T3 cells.

**Immunocytochemistry:** use at 2ug/ml.



Immunocytochemical staining of HeLa cells using FLIP $\gamma/\delta$  antibody at 2 $\mu$ g/ml.

These are recommended concentrations. Enduser should determine optimal concentrations for their applications.

### DILUTION INSTRUCTIONS

Dilute in PBS or medium which is identical to that used in the assay system.

### STORAGE AND STABILITY

This antibody is stable for at least one (1) year at -20°C. Avoid multiple freeze-thaw cycles.

*For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.*