

# QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

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

### ORDERING INFORMATION

**Catalog No.:** 2407

**Size:** 100 ug IgG in PBS, pH 7.4, purified by immunoaffinity chroma-tography.

### 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-containing adapter molecules and members of the ICE/CED-3 protease family. 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 v-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.

**Host Species:** Rabbit

**Stabilizers:** None

**Preservatives:** 0.02% sodium azide.

### SPECIFICITY

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

### APPLICATIONS

*Immunoblotting* : use a 1:1,000 dilution.

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

### 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  $-20^{\circ}\text{C}$ . Avoid multiple freeze-thaw cycles.

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