Anti-FLIP (CT) Antibody

ORDERING INFORMATION

Catalog No.: 2422
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 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 c-FLIPs have been identified and termed FLIPα, β, γ, and δ, respectively.

SPECIFICATION SUMMARY

Antigen: Peptide corresponding to aa 447-464 at the C-terminus of human FLIPα/FLIP$_L$ (accession no. AAC51622)
Host Species: Rabbit
Stabilizers: None
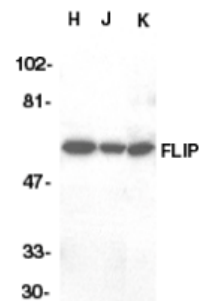**Preservatives:** 0.02% sodium azide.

SPECIFICITY

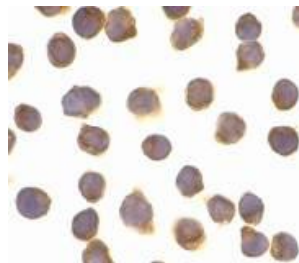This antibody recognizes full-length human, mouse, and rat FLIPα (55kDa).

APPLICATIONS

Immunoblotting: use at 1ug/ml.

Western blot analysis of FLIP in HeLa (H), Jurkat (J), and K562 (K) whole cell lysate with FLIP antibody at 1ug/ml.

Positive control: Whole cell lysate from HeLa cells.

Immunocytochemistry: use at 10ug/ml.

Immunocytochemical staining of FLIPα in Jurkat cells with FLIPα antibody at 10µg/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.

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