

# Human FLIP antibody

Catalog Number: AFL0926

## PRODUCT INFORMATION

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**Catalog number**

AFL0926

**Clone No.**

AT8B12

**Product type**

Monoclonal Antibody

**UnitProt No.**

O15519

**NCBI Accession No.**

NP\_003870

**Alternative Names**

CASP8 and FADD-like apoptosis regulator isoform 1, CFLAR, CASH, CASP8AP1, CLARP, MRIT, Caspase homolog, Caspase-eight-related protein, Casper, Caspase-like apoptosis regulatory protein, Cellular FLICE-like inhibitory protein, FLAME-1, Inhibitor of FLICE, I-FLICE, MACH-related inducer of toxicity

## PRODUCT SPECIFICATION

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**Antibody Host**

Mouse

**Reacts With**

Human

**Concentration**

1mg/ml (determined by BCA assay)

**Formulation**

Liquid in. Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol

**Immunogen**

Recombinant human FLIP (1-480aa) purified from E. coli

**Isotype**

IgG1 kappa

**Purification Note**

By protein-G affinity chromatography

**Application**

ELISA, WB, ICC/IF

**Usage**

The antibody has been tested by ELISA, Western blot and ICC/IF analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results.

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## Storage

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

### Description

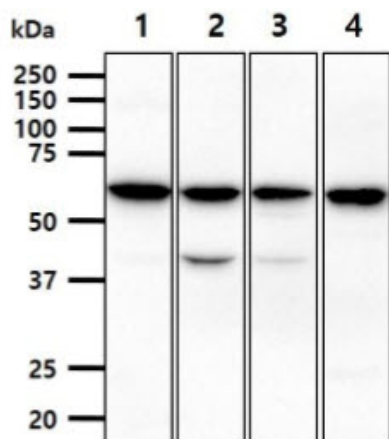
FLIP, also known as CASP8 and FADD-like apoptosis regulator (CFLAR), contains two death effector domains (DEDs) and a caspase-like domain. FLIP may play a crucial role between cell survival and cell death pathway in mammalian cells and interacts with adapter protein FADD and caspase-8 and -10, and potently inhibits apoptosis induced by all known death receptors DR3 (death receptor 3), TRAIL-R (TNF-related apoptosis-inducing ligand receptor) and TNFR1 (tumor necrosis factor receptor 1).

### General References

Yu JW, Shi Y., (2008) *Oncogene*. 27(48):6216-27.  
Du C, et al., (2005) *Kidney Int*. 67(4):1397-409.

## DATA

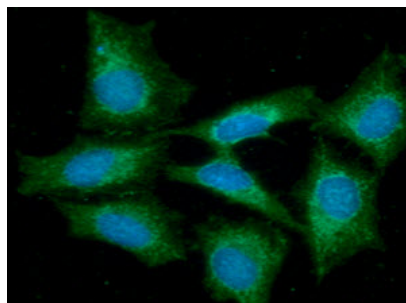
### Western blot analysis (WB)



The cell lysates (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human FLIP antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.

Lane 1.: Jurkat cell lysate  
Lane 2.: HeLa cell lysate  
Lane 3.: MCF7 cell lysate  
Lane 4.: K562 cell lysate

### Immunocytochemistry/Immunofluorescence (ICC/IF)



ICC/IF analysis of FLIP in HeLa cells. The cell was stained with AFL0926 (1:100). The secondary antibody (green) was used Alexa Fluor 488. DAPI was stained the cell nucleus (blue).