

DESCRIPTION

Species Reactivity	Human/Mouse/Rat
Specificity	Detects human FLIP in direct ELISAs and human, mouse, and rat FLIP in Western blots.
Source	Monoclonal Mouse IgG ₁ Clone # 896537
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human FLIP Met1-Asn200 Accession # O15519
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunohistochemistry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

FLIP (Flice-Like Inhibitory Protein), also known as CFLAR (CASP8 and FADD-Like Apoptosis Regulator), I-FLICE, CASPER, and FLAME-1, is an apoptosis inhibitory protein with architecture similar to that of Caspases-8 and -10. Both of the major FLIP isoforms, the 55 kDa Long (L) and the 27 kDa Short (S), contain two death effector domains (DED). FLIP(L) has a C-terminal Caspase-like protease domain which lacks both a catalytic active site and residues that form a substrate-binding pocket. FLIP(S) and FLIP(L) interact with the adaptor molecule FADD, and potentially inhibit apoptosis initiated by Fas Ligand/TNF signaling pathways. Over amino acids 1-200, human FLIP shares 75% sequence identity with mouse and rat FLIP.

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