c-FLIP Monoclonal Antibody

Catalog No	BYmab-00352
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	CFLAR
Protein Name	CASP8 and FADD-like apoptosis regulator
Immunogen	The antiserum was produced against synthesized peptide derived from human in ternal CFLAR. AA range:181-230
Specificity	c-FLIP Monoclonal Antibody detects endogenous levels of c-FLIP protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CFLAR; CASH; CASP8AP1; CLARP; MRIT; CASP8 and FADD-like apoptosis regulator; Caspase homolog; CASH; Caspase-eight-related protein; Casper; Caspase-like apoptosis regulatory protein; CLARP; Cellular FLICE-like inhibitory protein; c-FLIP; FAD
Observed Band	55kD
Cell Pathway	cytoplasm,cytosol,death-inducing signaling complex,CD95 death-inducing signaling complex,membrane raft,ripoptosome,
Tissue Specificity	Widely expressed. Higher expression in skeletal muscle, pancreas, heart, kidney, placenta, and peripheral blood leukocytes. Also detected in diverse cell lines. Isoform 8 is predominantly expressed in testis and skeletal muscle.
Function	domain:The caspase domain lacks the active sites residues involved in catalysis.,function:Apoptosis regulator protein which may function as a crucial link between cell survival and cell death pathways in mammalian cells. Acts as an inhibitor of TNFRSF6 mediated apoptosis. A proteolytic fragment (p43) is likely retained in the death-inducing signaling complex (DISC) thereby blocking further recruitment and processing of caspase-8 at the complex. Full length and shorter

	isoforms have been shown either to induce apoptosis or to reduce TNFRSF-triggered apoptosis. Lacks enzymatic (caspase) activity.,induction:Repressed by IL-2 after TCR stimulation, during progression to the S-phase of the cell cycle.,PTM:Proteolytically processed; probably by caspase-8. Processing likely occurs at the DISC and generates subunit p43 and p12.,similarity:Belongs to the peptidase C14A family.,similarity:Contains
Background	The protein encoded by this gene is a regulator of apoptosis and is structurally similar to caspase-8. However, the encoded protein lacks caspase activity and appears to be itself cleaved into two peptides by caspase-8. Several transcript variants encoding different isoforms have been found for this gene, and partial evidence for several more variants exists. [provided by RefSeq, Feb 2011],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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