Datasheet for ABIN951489

anti-FLIP antibody (Middle Region)

3 Images

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Overview

Quantity:	0.4 mL
Target:	FLIP (CFLAR)
Binding Specificity:	AA 152-182, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FLIP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 152~182 amino acids from the Center region of human CFLAR
Isotype:	Ig Fraction
Specificity:	This antibody reacts to CFLAR.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Saturated Ammonium Sulfate (SAS) precipitation

Target Details

Target:	FLIP (CFLAR)

Target Details

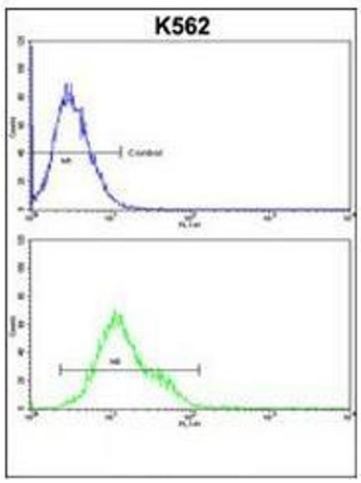
Alternative Name:	CFLAR / Casper / I-FLICE (CFLAR Products)
Background:	Apoptosis regulator protein which may function as a crucial link between cell survival and cell death pathways in mammalian cells. It acts as an inhibitor of TNFRSF6 mediated apoptosis. A proteolytic fragment (p43) is likely retained 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. It lacks enzymatic (caspase) activity.Synonyms: CASH, CASP8 and FADD-like apoptosis regulator, CASP8AP1, CLARP, Caspase homolog, Caspase-eight-related protein, Caspase-like apoptosis regulatory protein, Cellular FLICE-like inhibitory protein, FADD-like antiapoptotic molecule 1, FLAME-1, Inhibitor of FLICE, MACH-related inducer of toxicity, MRIT, Usurpin, c-FLIP
Molecular Weight:	55344 Da
Gene ID:	8837
NCBI Accession:	NP_001120655
Pathways:	Apoptosis, Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

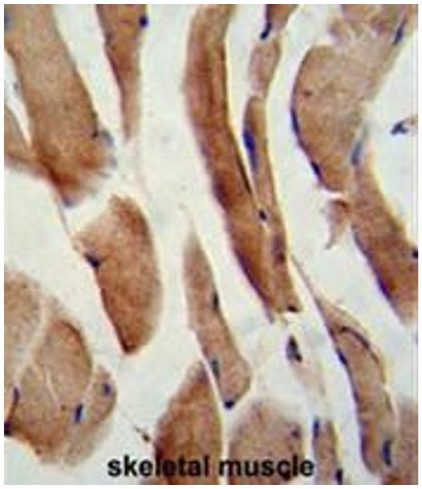
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS, 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



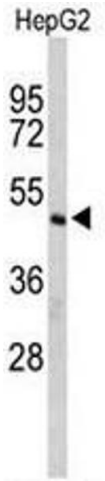
Flow Cytometry

Image 1. CFLAR Antibody (Center) flow cytometric analysis of k562 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Formalin-fixed and paraffin-embedded human skeletal muscle reacted with CFLAR Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



Western Blotting

Image 3. Western blot analysis of CFLAR Antibody (Center) in HepG2 cell line lysates (35µg/lane). CFLAR (arrow) was detected using the purified Pab.