

**CFLAR Antibody**  
**Purified Mouse Monoclonal Antibody**  
**Catalog # AO1820a**

**Specification**

**CFLAR Antibody - Product Information**

Application	<b>E, WB, IHC</b>
Primary Accession	<a href="#">O15519</a>
Reactivity	<b>Human</b>
Host	<b>Mouse</b>
Clonality	<b>Monoclonal</b>
Isotype	<b>IgG1</b>
Calculated MW	<b>55.3kDa KDa</b>

**Description**

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.

**Immunogen**

Purified recombinant fragment of human CFLAR (AA: 100-251) expressed in E. Coli.

**Formulation**

Purified antibody in PBS with 0.05% sodium azide

**CFLAR Antibody - Additional Information**

**Gene ID** 8837

**Other Names**

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, FADD-like antiapoptotic molecule 1, FLAME-1, Inhibitor of FLICE, I-FLICE, MACH-related inducer of toxicity, MRIT, Usurpin, CASP8 and FADD-like apoptosis regulator subunit p43, CASP8 and FADD-like apoptosis regulator subunit p12, CFLAR, CASH, CASP8AP1, CLARP, MRIT

**Dilution**

E~~1/10000  
WB~~1/500 - 1/2000  
IHC~~1/200 - 1/1000

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

CFLAR Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## CFLAR Antibody - Protein Information

**Name** CFLAR

**Synonyms** CASH, CASP8AP1, CLARP, MRIT

### 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.

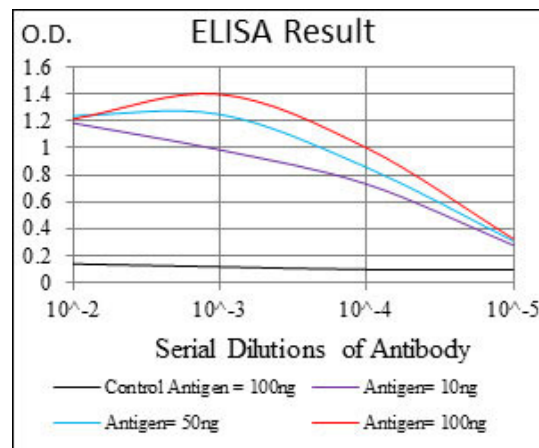
### Tissue Location

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

## CFLAR Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)



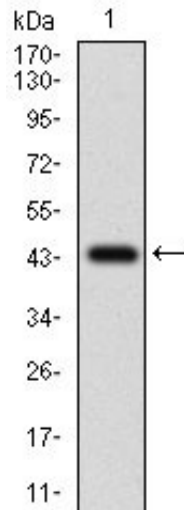


Figure 1: Western blot analysis using CFLAR mAb against human CFLAR recombinant protein. (Expected MW is 42.9 kDa)

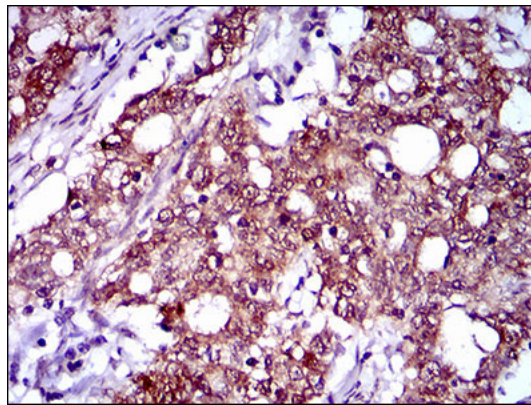


Figure 2: Immunohistochemical analysis of paraffin-embedded cervical cancer tissues using CFLAR mouse mAb with DAB staining.

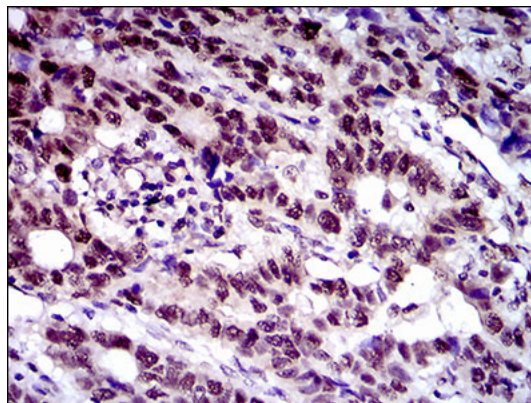


Figure 3: Immunohistochemical analysis of paraffin-embedded esophageal cancer tissues using CFLAR mouse mAb with DAB staining.

### CFLAR Antibody - 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. ; ;

**CFLAR Antibody - References**

1. Pediatr Blood Cancer. 2013 Apr;60(4):575-9.
2. J Cell Biochem. 2012 Dec;113(12):3692-700.