



## Mouse anti-Human AIFM2 monoclonal antibody, clone 4B22 (CABT-B9737)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Immunogen</b>	AMID (NP_116186, 188 a.a. ~ 288 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	4B22
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IP, sELISA, ELISA
<b>Sequence Similarities</b>	VRQEVKEILLRKGVQLLLSERVSNLEELPLNEYREYIKVQTDKGTEVATNLVILCTGIKI NSSAYRKAFESRLASSGALRVNEHLQVEGHSNVYAI GDCA*
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	In 1x PBS, pH 7.2
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

### BACKGROUND

<b>Introduction</b>	This gene encodes a flavoprotein oxidoreductase that binds single stranded DNA and is thought to contribute to apoptosis in the presence of bacterial and viral DNA. The expression of
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this gene is also found to be induced by tumor suppressor protein p53 in colon cancer cells.  
[provided by RefSeq, Nov 2010]

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<b>Keywords</b>	AIFM2; apoptosis-inducing factor, mitochondrion-associated, 2; AMID; PRG3; apoptosis-inducing factor 2; p53-responsive gene 3 protein; apoptosis-inducing factor (AIF)-like mitochondrion-associated inducer of death; apoptosis-inducing factor (AIF)-homologous mitochondrion-associated inducer of death;
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## GENE INFORMATION

**Entrez Gene ID** [84883](#)

**UniProt ID** [Q9BRQ8](#)

**Pathway** Direct p53 effectors, organism-specific biosystem

**Function** DNA binding; electron-transferring-flavoprotein dehydrogenase activity; flavin adenine dinucleotide binding; oxidoreductase activity

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