



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

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

BACKGROUND

Introduction	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]

Keywords	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
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UniProt ID	Q9BRQ8
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Pathway	Direct p53 effectors, organism-specific biosystem
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Function	DNA binding; electron-transferring-flavoprotein dehydrogenase activity; flavin adenine dinucleotide binding; oxidoreductase activity
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