



Mouse anti-Human AIFM2 monoclonal antibody, clone 3D7 (CABT-B9738)

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

PRODUCT INFORMATION

Immunogen	AIFM2 (AAH06121, 1 a.a. ~ 339 a.a) partial recombinant protein with GST tag.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	3D7
Conjugate	Unconjugated
Applications	WB,ELISA
Sequence Similarities	MGSQVSVESGALHVVIVGGGFGGIAASQLQALNVPFMLVDMKDSFHHNVAALRASVETG FAKKTFISYSVTFKDNFRQGLVVGIDLKNQMVLQGEALPFSHLILATGSTGPFPKFN EVSSQQAAIQAYEDMVRQVQRSRFIVVVGGSAGVEMAAEIKTEYPEKEVTLIHSQVALA DKELLPSVRQEVKEILLRKGVQLLSSERVSNLEELPLNEYREYIKVQTDKGTEVATNLVI LCTGIKINSSAYRKA
Format	Liquid
Size	200 µl
Buffer	In ascites fluid
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 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;

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
