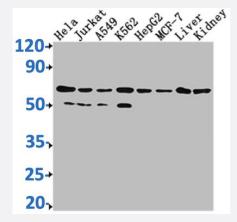


RecomAb™

AIFM1 recombinant monoclonal antibody, clone 4B2

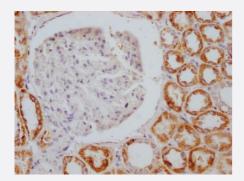
Catalog # RAB03980 Size 100 uL

Applications



Western Blot

Western Blot analysis of (1) Hela whole cell lysate, (2) Jurkat whole cell lysate, (3) A549 whole cell lysate, (4) HepG2 whole cell lysate, (5) MCF-7 whole cell lysate, (6) Rat liver tissue, (7) Rat kidney tissue.



Immunohistochemistry

Immunohistochemistry staining in paraffin-embedded human kidney tissue.

Specification	
Product Description	Rabbit recombinant monoclonal antibody raised against human AIFM1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to full length human AIFM1.
Reactivity	Human
Form	Liquid



Product Information

Purification	Affinity-chromatography
Isotype	lgG
Recommend Usage	ELISA
	Immunohistochemistry (1:50-1:200)
	Western Blot (1:500-1:5000)
	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150mM NaCl, 50% glycerol and 0.02% sodium azide)
Storage Instruction	store at -20 °C or -80 °C.
	Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul
	d be handled by trained staff only.

Applications

Western Blot

Western Blot analysis of (1) Hela whole cell lysate, (2) Jurkat whole cell lysate, (3) A549 whole cell lysate, (4) HepG2 whole cell lysate, (5) MCF-7 whole cell lysate, (6) Rat liver tissue, (7) Rat kidney tissue.

Immunohistochemistry

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Enzyme-linked Immunoabsorbent Assay

Gene Info — AIFM1	
Entrez GeneID	<u>9131</u>
Protein Accession#	<u>O95831</u>
Gene Name	AIFM1
Gene Alias	AIF, MGC111425, PDCD8
Gene Description	apoptosis-inducing factor, mitochondrion-associated, 1
Omim ID	300169
Gene Ontology	<u>Hyperlink</u>



Product Information

Gene Summary

This gene encodes a flavoprotein essential for nuclear disassembly in apoptotic cells that is found in the mitochondrial intermembrane space in healthy cells. Induction of apoptosis results in the translocation of this protein to the nucleus where it effects chromosome condensation and fragmenta tion. In addition, this gene product induces mitochondria to release the apoptogenic proteins cyto chrome c and caspase-9. Several alternative transcripts encoding different isoforms have been id entified for this gene. [provided by RefSeq

Other Designations

OTTHUMP00000024007|OTTHUMP00000024008|OTTHUMP00000024009|programmed cell death 8|programmed cell death 8 (apoptosis-inducing factor)|striatal apoptosis-inducing factor

Pathway

Apoptosis

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Prostatic Neoplasms