

Nur für Forschungszwecke

AIFM2/ FSP1 Monoklonaler Antikörper

Katalog-Nr.:68049-1-Ig



Allgemeine Informationen

Katalog-Nr.: 68049-1-Ig	GenBank-Zugangsnummer: BC023601	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul , Konzentration: 1000 µg/ml von84883 Nanodrop;	GeneID (NCBI): von84883	CloneNo.: 1A2B2
Wirt: Maus	Vollständiger Name: apoptosis-inducing factor, mitochondrion-associated, 2	Empfohlene Verdünnungen: WB 1:5000-1:50000 IHC 1:250-1:1000
Isotyp: IgG1	Berechnete Masse: 41 kDa	
Immunogen Katalognummer: AG30516	Beobachtete Masse: 41 kDa	

Anwendungen

Geprüfte Anwendungen:

FC, IHC, WB, ELISA

Getestete Reaktivität:

Human, Maus

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : HepG2-Zellen, A549-Zellen, HEK-293-Zellen, K-562-Zellen, L02-Zellen, MCF-7-Zellen, NCI-H1299-Zellen

IHC : Mauslebergewebe,

Hintergrundinformationen

The human AIFM2 protein (also known as FSP1 or AMID) is an apoptosis associated flavoprotein with a 6-hydroxy FAD cofactor. AIFM2 is a NAD(P)H-binding oxidoreductase with some sequence similarities to A1FM1 (formerly known as AIF, Apoptosis Inducing Factor), a mitochondrion-associated enzyme which relocates to the cell nucleus during apoptosis and is considered to be a key player in the progression of cell death.

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

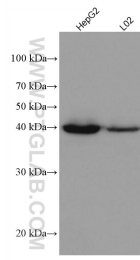
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

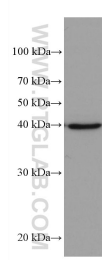
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

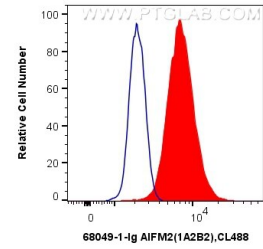
Ausgewählte Validierungsdaten



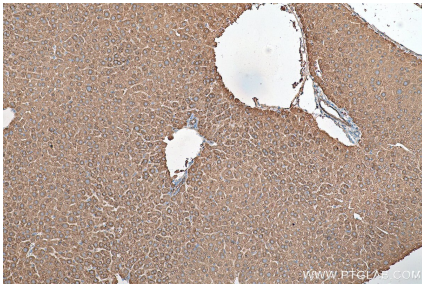
HepG2 cells were subjected to SDS PAGE followed by western blot with 68049-1-Ig (AIFM2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



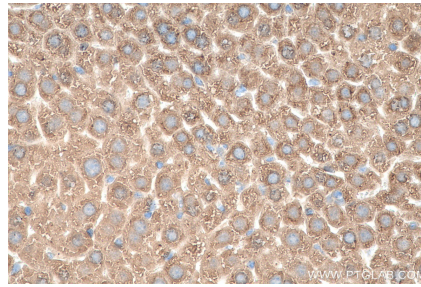
K-562 cells were subjected to SDS PAGE followed by western blot with 68049-1-Ig (AIFM2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



1×10^6 K-562 cells were intracellularly stained with 0.5 μ g Anti-Human AIFM2 (68049-1-Ig, Clone:1A2B2) and CoraLite[®] 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.5 μ g Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 68049-1-Ig (AIFM2 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 68049-1-Ig (AIFM2 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).