

## Product datasheet for **TA811161S**

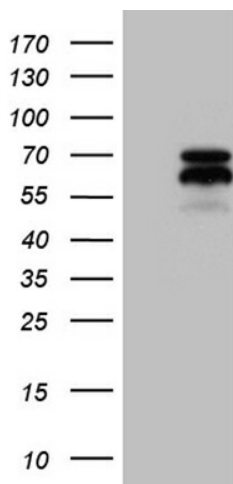
### AIF (AIFM1) Mouse Monoclonal Antibody [Clone ID: OTI4E6]

#### Product data:

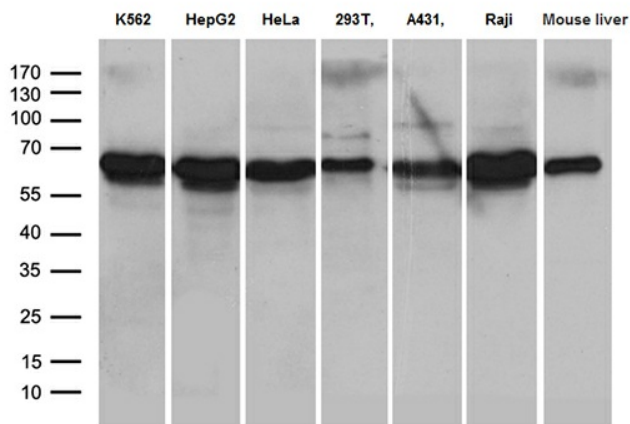
Product Type:	Primary Antibodies
Clone Name:	OTI4E6
Applications:	IHC, WB
Recommended Dilution:	WB 1:500~2000, IHC 1:500
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 134-483 of human AIFM1 (NP_001124318) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	apoptosis inducing factor, mitochondria associated 1
Database Link:	<a href="#">NP_001124318</a> <a href="#">Entrez Gene 26926 Mouse</a> <a href="#">Entrez Gene 83533 Rat</a> <a href="#">Entrez Gene 9131 Human</a> <a href="#">O95831</a>
Synonyms:	AIF; CMT2D; CMTX4; COWCK; COXPD6; NADMR; NAMSD; PDCD8
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Apoptosis



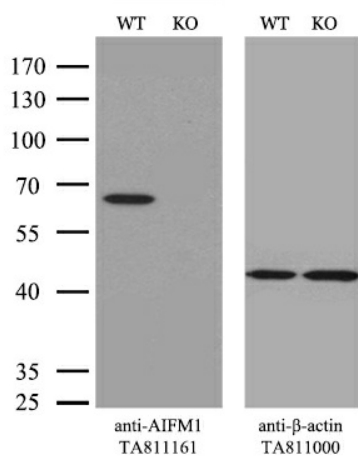
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**Product images:**


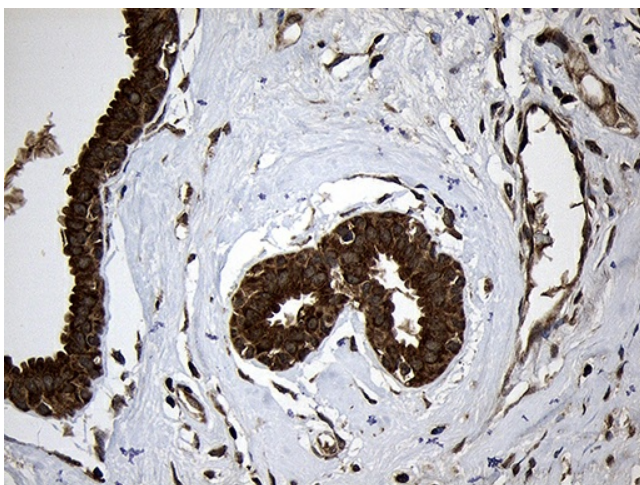
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY AIFM1 (Cat# [RC225349], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-AIFM1 (Cat# [TA811161])(1:2000).



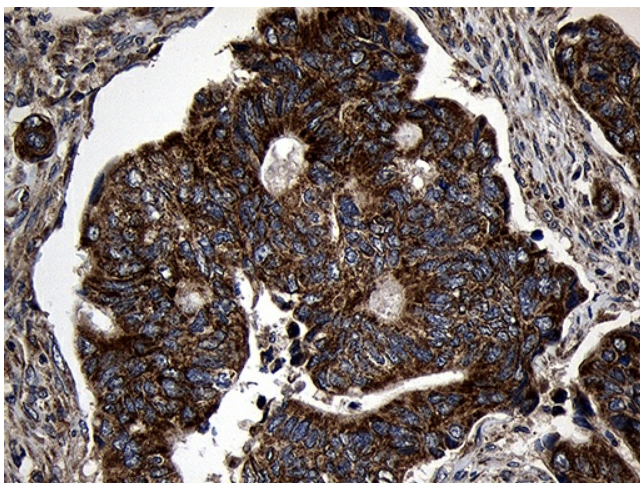
Western blot analysis of extracts (35ug) from 6 different cell lines and mouse brain tissue lysate by using anti-AIFM1 monoclonal antibody (1:500).



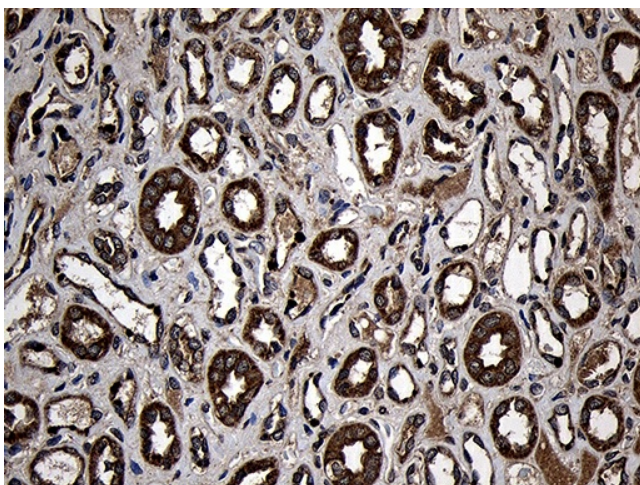
Equivalent amounts of cell lysates (10 ug per lane) of wild-type 293T cells (WT, Cat# LC810293T) and AIFM1-Knockout 293T cells (KO, Cat# [LC811853]) were separated by SDS-PAGE and immunoblotted with anti-AIFM1 monoclonal antibody [TA811161], (1:500). Then the blotted membrane was stripped and reprobed with anti-β-actin antibody ([TA811000]) as a loading control.



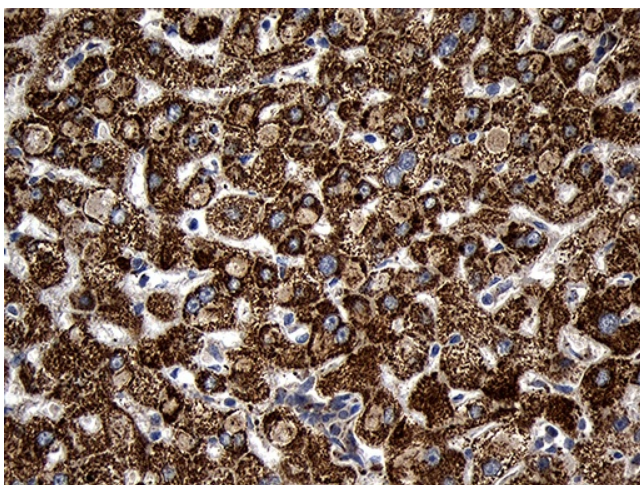
Immunohistochemical staining of paraffin-embedded Human breast tissue within the normal limits using anti-AIFM1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA811161]) (1:500)



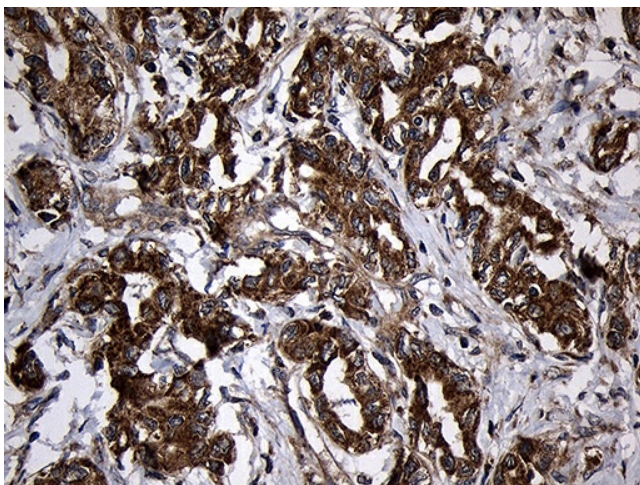
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-AIFM1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA811161]) (1:500)



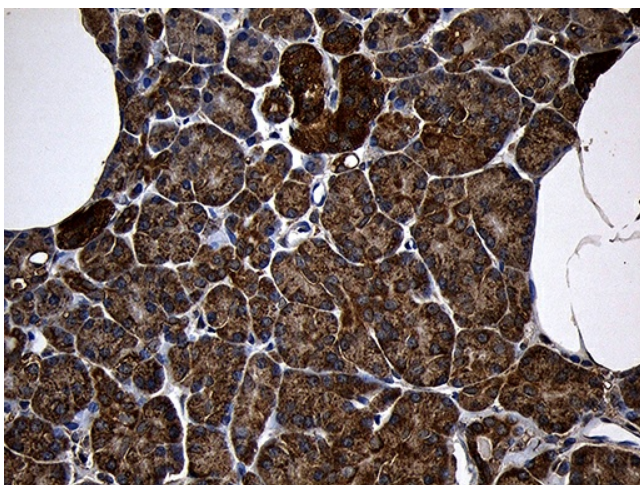
Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-AIFM1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA811161]) (1:500)



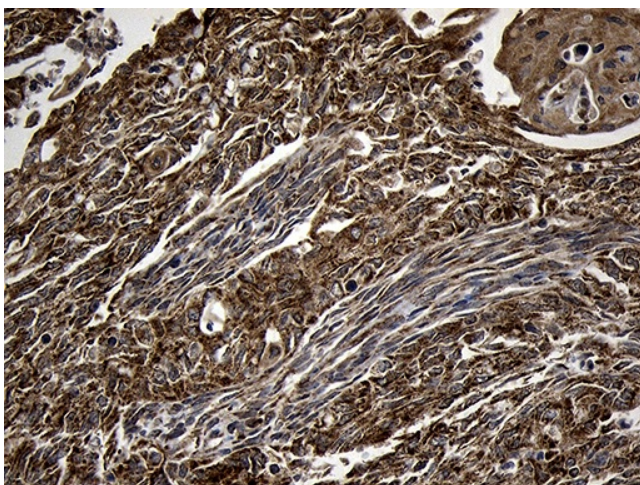
Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-AIFM1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA811161]) (1:500)



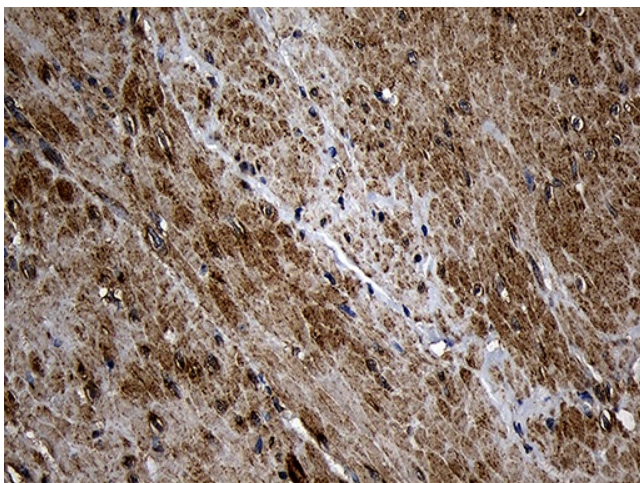
Immunohistochemical staining of paraffin-embedded Carcinoma of Human liver tissue using anti-AIFM1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA811161]) (1:500)



Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-AIFM1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA811161]) (1:500)



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-AIFM1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA811161]) (1:500)



Immunohistochemical staining of paraffin-embedded Human bladder tissue within the normal limits using anti-AIFM1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA811161]) (1:500)