

For Research Use Only

# MFF Monoclonal antibody, PBS Only

Catalog Number: 66527-1-PBS



## Basic Information

<b>Catalog Number:</b> 66527-1-PBS	<b>GenBank Accession Number:</b> BC000797	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 56947	<b>CloneNo.:</b> 1G4B12
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q9GZY8	
<b>Isotype:</b> IgG1	<b>Full Name:</b> mitochondrial fission factor	
<b>Immunogen Catalog Number:</b> AG9990	<b>Calculated MW:</b> 38 kDa	
	<b>Observed MW:</b> 35-38 kDa	

## Applications

**Tested Applications:**  
WB, IF, IHC, Indirect ELISA

**Species Specificity:**  
Human, pig, rat, mouse

## Background Information

MFF (mitochondrial fission factor) is a mitochondrial outer membrane protein that is involved in mitochondrial localization of Drp1 and mitochondrial fission. Multiple isoforms of MFF exist due to the alternative splicing. This antibody recognizes the endogenous MFF protein around 26-29 kDa and 35-38 kDa.

## Storage

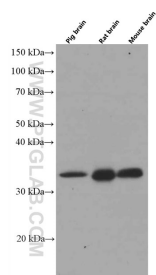
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

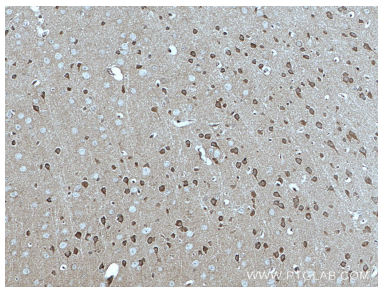
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

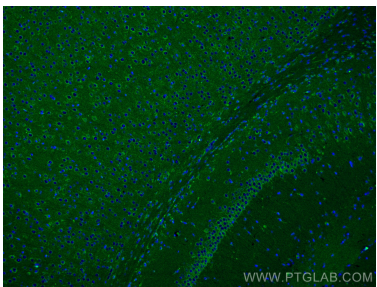
## Selected Validation Data



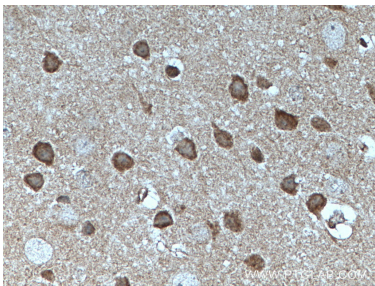
pig/rat/mouse brain tissues were subjected to SDS PAGE followed by western blot with 66527-1-Ig (MFF antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66527-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 66527-1-Ig (MFF antibody) at dilution of 1:500 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66527-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using MFF antibody (66527-1-Ig, Clone: 1G4B12 ) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66527-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 66527-1-Ig (MFF antibody) at dilution of 1:500 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66527-1-PBS in a different storage buffer formulation.