

For Research Use Only

# CoraLite®594-conjugated MFF Monoclonal antibody



Catalog Number:CL594-66527

## Basic Information

<b>Catalog Number:</b> CL594-66527	<b>GenBank Accession Number:</b> BC000797	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 56947	<b>CloneNo.:</b> 1G4B12
<b>Source:</b> Mouse	<b>Full Name:</b> mitochondrial fission factor	<b>Recommended Dilutions:</b> IF 1:50-1:500
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 38 kDa	<b>Excitation/Emission maxima wavelengths:</b> 593 nm/614 nm
<b>Immunogen Catalog Number:</b> AG9990		

## Applications

<b>Tested Applications:</b> IF	<b>Positive Controls:</b> IF : mouse brain tissue,
<b>Species Specificity:</b> 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 -20°C. Avoid exposure to light.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

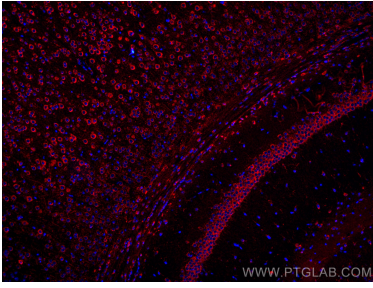
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using CoraLite®594 MFF antibody (CL594-66527, Clone: 1G4B12) at dilution of 1:200.