

For Research Use Only

# CoraLite®594-conjugated PCMT1 Monoclonal antibody

Catalog Number:CL594-60172



## Basic Information

<b>Catalog Number:</b> CL594-60172	<b>GenBank Accession Number:</b> BC008748	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 5110	<b>CloneNo.:</b> 3C8G8
<b>Source:</b> Mouse	<b>Full Name:</b> protein-L-isoaspartate (D-aspartate) O-methyltransferase	<b>Recommended Dilutions:</b> IF/ICC 1:50-1:500
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 25 kDa	<b>Excitation/Emission maxima wavelengths:</b> 588 nm / 604 nm
<b>Immunogen Catalog Number:</b> AG6277	<b>Observed MW:</b> 25-27 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC	<b>Positive Controls:</b> IF/ICC : HeLa cells,
<b>Species Specificity:</b> human	

## Background Information

The PCMT1 gene encodes the protein repair enzyme protein-L-isoaspartate (D-aspartate) O-methyltransferase, which is known to protect certain neural cells against Bax-induced apoptosis.

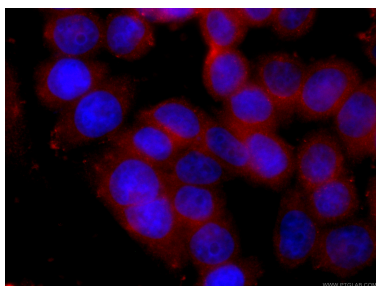
## Storage

**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**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:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CL594-60172 (PCMT1 antibody) at dilution of 1:100.