

For Research Use Only

# CoraLite® Plus 488-conjugated GSTM3 Monoclonal antibody



Catalog Number: CL488-67634

## Basic Information

<b>Catalog Number:</b> CL488-67634	<b>GenBank Accession Number:</b> BC000088	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 2947	<b>CloneNo.:</b> 1E2B8
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P21266	<b>Recommended Dilutions:</b> IF 1:300-1:1200
<b>Isotype:</b> IgG1	<b>Full Name:</b> glutathione S-transferase mu 3 (brain)	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Immunogen Catalog Number:</b> AG7494	<b>Calculated MW:</b> 27 kDa	
	<b>Observed MW:</b> 27 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC	<b>Positive Controls:</b> IF : A431 cells,
<b>Species Specificity:</b> Human, pig	

## Background Information

GSTM3 is a cytosolic enzyme involved in prostaglandin and leukotriene synthesis and in the metabolization of toxic compounds, such as chemotherapeutic drugs, insecticides, herbicides, carcinogens, and by-products of oxidative stress. GSTM3 is expressed in testis, brain, lung, and lymphocytes. GSTM3 have been reported to be dysregulated in cancers like prostate cancer and colon cancer.

## 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:

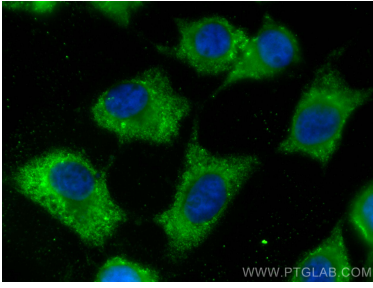
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using CoraLite® Plus 488 GSTM3 antibody (CL488-67634, Clone: 1E2B8) at dilution of 1:600.