

For Research Use Only

# CoraLite®594-conjugated GSTM3 Monoclonal antibody



Catalog Number:CL594-67634

## Basic Information

Catalog Number:

CL594-67634

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG7494

GenBank Accession Number:

BC000088

GeneID (NCBI):

2947

UNIPROT ID:

P21266

Full Name:

glutathione S-transferase mu 3 (brain)

Calculated MW:

27 kDa

Observed MW:

27 kDa

Purification Method:

Protein G purification

CloneNo.:

1E2B8

Recommended Dilutions:

IF 1:50-1:500

Excitation/Emission maxima

wavelengths:

588 nm / 604 nm

## Applications

Tested Applications:

IF/ICC

Species Specificity:

Human, pig

Positive Controls:

IF : A431 cells,

## Background Information

GSTM3 is a cytosolic enzyme involved in prostaglandin and leukotriene synthesis and in the metabolism 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:

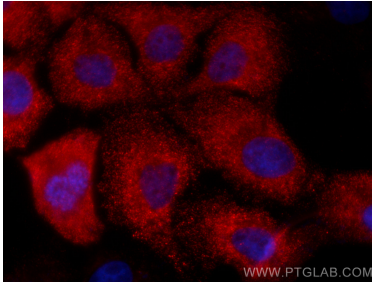
T: 4006900926

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

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

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed A431 cells using Coralite®594 GSTM3 antibody (CL594-67634, Clone: 1E2B8 ) at dilution of 1:200.