

For Research Use Only

CoraLite® Plus 488-conjugated GSTM3 Monoclonal antibody



Catalog Number: **CL488-67634**

Basic Information

Catalog Number: CL488-67634	GenBank Accession Number: BC000088	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 2947	CloneNo.: 1E2B8
Source: Mouse	Full Name: glutathione S-transferase mu 3 (brain)IF	Recommended Dilutions: 1:300-1:1200
Isotype: IgG1	Calculated MW: 27 kDa	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG7494	Observed MW: 27 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : A431 cells,
Species Specificity: Human, pig	

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

***** 20ul sizes contain 0.1% BSA**

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
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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



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