

For Research Use Only

# CoraLite® Plus 488-conjugated GSTT1 Monoclonal antibody



Catalog Number: **CL488-67645**

## Basic Information

Catalog Number: CL488-67645	GenBank Accession Number: BC007065	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 2952	CloneNo.: 1A4C11
Source: Mouse	Full Name: glutathione S-transferase theta 1	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG2b	Calculated MW: 240 aa, 27 kDa	
Immunogen Catalog Number: AG8573	Observed MW: 28 kDa, 30 kDa	

## Applications

Tested Applications: IF	Positive Controls: IF : mouse liver tissue,
Species Specificity: Human, mouse	

## Background Information

GSTT1 belongs to the GST superfamily and Theta family. It is a conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles. GSTT1 acts on 1,2-epoxy-3-(4-nitrophenoxy)propane, phenethylisothiocyanate 4-nitrobenzyl chloride and 4-nitrophenethyl bromide. It displays glutathione peroxidase activity with cumene hydroperoxide. GSTM1 and GSTT1 has been suggested as a risk factor in various cancers. GSTT1 is important in the detoxification of unidentified xenobiotics in the large intestine.

## 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](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

