

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 ug/ml by Nanodrop;	GeneID (NCBI): 2952	CloneNo.: 1A4C11
Source: Mouse	UNIPROT ID: P30711	Recommended Dilutions: IF-P 1:50-1:500
Isotype: IgG2b	Full Name: glutathione S-transferase theta 1	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG8573	Calculated MW: 240 aa, 27 kDa	
	Observed MW: 28 kDa, 30 kDa	

Applications

Tested Applications: IF-P	Positive Controls: IF-P : 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.

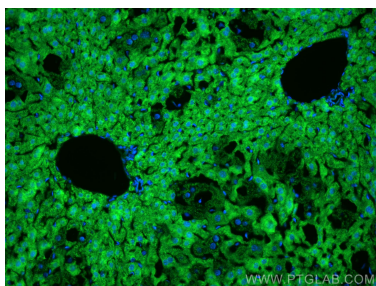
Storage

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

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 (4% PFA) fixed mouse liver tissue using CoraLite® Plus 488 GSTT1 antibody (CL488-67645, Clone: 1A4C11) at dilution of 1:200.