

For Research Use Only

GSTM2 Polyclonal antibody

Catalog Number: 55474-1-AP



Basic Information

Catalog Number: 55474-1-AP	GenBank Accession Number: NM_000848	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 1500 µg/ml by Nanodrop;	GeneID (NCBI): 2946	Recommended Dilutions: WB 1:500-1:2000 IF 1:200-1:800
Source: Rabbit	Full Name: glutathione S-transferase mu 2 (muscle)	
Isotype: IgG	Calculated MW: 26 kDa	
	Observed MW: 26 kDa	

Applications

Tested Applications: IF, WB, ELISA	Positive Controls:
Species Specificity: human	WB : MCF-7 cells, IF : HeLa cells,

Background Information

Glutathione S-Transferase Mu 2 (GSTM2) is a phase II metabolizing enzyme that conjugates glutathione to electrophilic compounds. GSTM2 is closely related to cancer progression, and there have been several publications regarding the function of GSTM2 in drug resistance (PMID: 36038661). Western blot analysis detected GSTM2 at an apparent molecular mass of 26 kDa.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol 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)

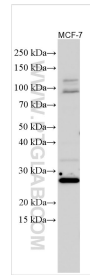
E: proteintech@ptglab.com
W: ptglab.com

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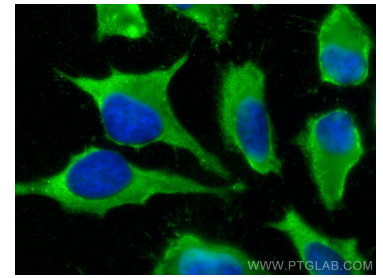
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 55474-1-AP (GSTM2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 55474-1-AP (GSTM2 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using GSTM2 antibody (55474-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).