

# Product Datasheet

## Glutathione S-Transferase pi 1/GSTP1 Antibody (2G6-F6) - Azide and BSA Free H00002950-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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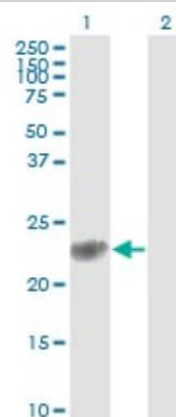
**H00002950-M01**

Glutathione S-Transferase pi 1/GSTP1 Antibody (2G6-F6) - Azide and BSA Free

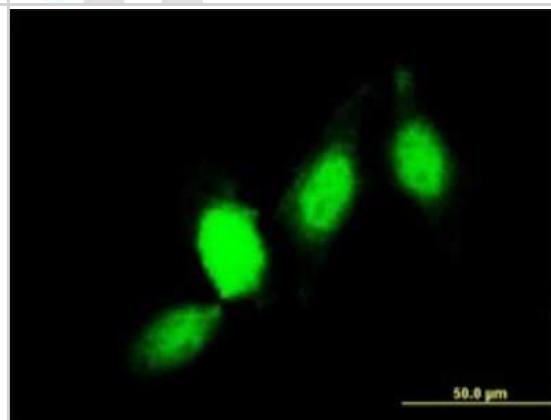
<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	2G6-F6
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Product Description</b>	
<b>Description</b>	Quality control test: Antibody Reactive Against Recombinant Protein.
<b>Host</b>	Mouse
<b>Gene ID</b>	2950
<b>Gene Symbol</b>	GSTP1
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	GSTP1 - glutathione S-transferase pi
<b>Immunogen</b>	GSTP1 (AAH10915, 1 a.a. ~ 210 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MPPYTVVYFPVRGRCAALRMLLADQQGQSWKEEVVTVETWQEGSLKASCLYG QLPEFQDGDLTLYQSNTILRHLGRTLGLYGKDDQQAALVDMVNDGVEDLRCKY VSLIYTNYEAGKDDYVKALPGQLKPFETLLSQNQQGKTFIVGDQISFADYNLLDL LLIHEVLAPGCLDAFPLLSAYVGRLSARPCLKAFLASPEYVNLPIGNGKQ
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Sandwich ELISA, Sandwich ELISA Capture
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Sandwich ELISA, Sandwich ELISA Capture
<b>Application Notes</b>	Antibody reactivity against recombinant protein for WB. It has been used for IF and ELISA.

## Images

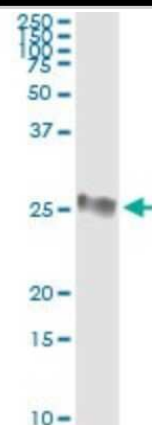
Western Blot: Glutathione S-Transferase pi 1/GSTP1 Antibody (2G6-F6) [H00002950-M01] - Analysis of GSTP1 expression in transfected 293T cell line by GSTP1 monoclonal antibody (M01), clone 2G6-F6. Lane 1: GSTP1 transfected lysate (Predicted MW: 23.3 KDa). Lane 2: Non-transfected lysate.



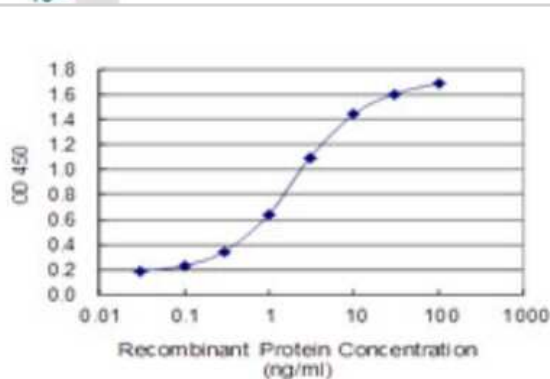
Immunocytochemistry/Immunofluorescence: Glutathione S-Transferase pi 1/GSTP1 Antibody (2G6-F6) [H00002950-M01] - Analysis of monoclonal antibody to GSTP1 on HeLa cell. Antibody concentration 10 ug/ml.



Immunoprecipitation: Glutathione S-Transferase pi 1/GSTP1 Antibody (2G6-F6) [H00002950-M01] - Analysis of GSTP1 transfected lysate using anti-GSTP1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with GSTP1 MaxPab rabbit polyclonal antibody.



Sandwich ELISA Capture: Glutathione S-Transferase pi 1/GSTP1 Antibody (2G6-F6) [H00002950-M01] - Detection limit for recombinant GST tagged Glutathione S-Transferase pi 1/GSTP1 is 0.03 ng/ml as a capture antibody.



## Publications

Halbert D, Domenyuk V, Spetzler D et al. Aptamers and uses thereof United States Patent Application US 9958448 B2 2018-01-01

Kan CY, Wen VW, Pasquier E et al. Endothelial cell dysfunction and cytoskeletal changes associated with repression of p16(INK4a) during immortalization. *Oncogene*. 2012-02-06 [PMID: 22310292]

Khabaz MN. Polymorphism of the glutathione S-transferase P1 gene (GST-pi) in breast carcinoma. *Pol J Pathol*. 2014-06-01 [PMID: 25119175]





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### **Products Related to H00002950-M01**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP1-84747PEP	Glutathione S-Transferase pi 1/GSTP1 Recombinant Protein Antigen

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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