

## Product Datasheet

### GSTP1 Mouse Monoclonal Antibody (orb1474253)

<b>Catalog Number</b>	orb1474253
<b>Category</b>	Antibodies
<b>Description</b>	The GSTP1 Antibody is suitable for FC, IF, IHC, WB. It is a Monoclonal, Unconjugated antibody which raised against Purified recombinant fragment of human GSTP1 expressed in E. Coli. Purification: The antibody was purified by immunogen affinity chromatography.
<b>Target</b>	GSTP1
<b>Clonality</b>	Monoclonal
<b>Species/Host</b>	Mouse
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Form/Appearance</b>	Liquid
<b>Buffer/Preservatives</b>	PBS containing 50% glycerol, 0.5% rAlbumin and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	The antibody was purified by immunogen affinity chromatography.
<b>Immunogen</b>	Purified recombinant fragment of human GSTP1 expressed in E. Coli.
<b>UniProt ID</b>	<b>P09211</b>
<b>Tested applications</b>	FC, IF, IHC, WB
<b>Dilution range</b>	WB (1/500 - 1/1000), IH (1/50 - 1/100), IF/IC (1/50 - 1/100), FC (1/50 - 1/100)
<b>Specificity</b>	Recognizes endogenous levels of GSTP1 protein.

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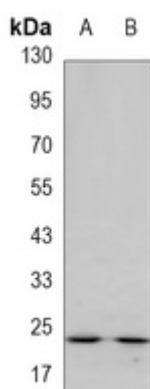
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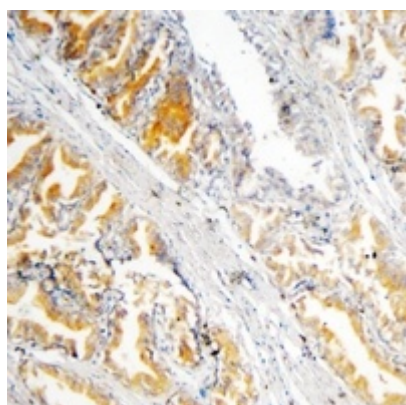
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<b>Antibody Type</b>	Primary Antibody
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Entrez</b>	<b>2950</b>
<b>Expiration Date</b>	12 months from date of receipt.



Western blot analysis of GSTP1 expression in PC3 (A), human cerebellum (B) whole cell lysates. (Predicted band size: 23 kD; Observed band size: 23 kD)



Immunohistochemical analysis of GSTP1 staining in human prostates formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.105). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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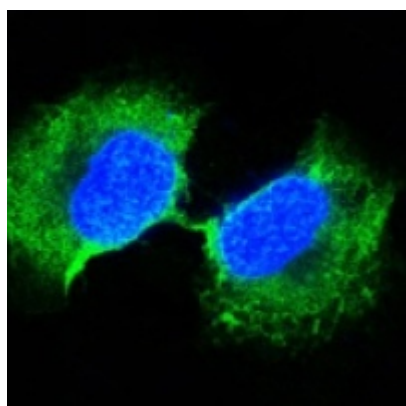
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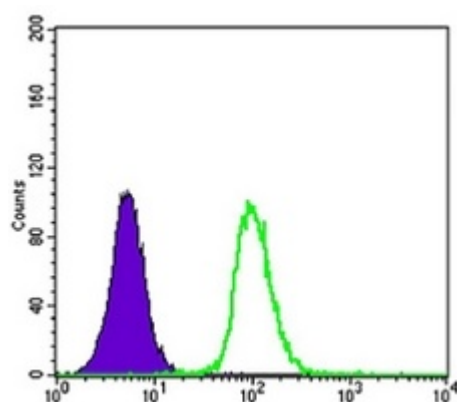
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Immunofluorescent analysis of GSTP1 staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



Flow cytometric analysis of GSTP1 in K562 (green) and negative control (purple).

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