

**Product Name: GST3 (9D4) Mouse Monoclonal Antibody**  
**Catalog #: AMM03567**

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## Summary

<b>Production Name</b>	GST3 (9D4) Mouse Monoclonal Antibody
<b>Description</b>	Mouse Monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB,IHC-F,IHC-P,ICC/IF,FC
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Ascitic Fluid

## Immunogen

<b>Gene Name</b>	GSTP1
<b>Alternative Names</b>	GSTP1; FAEES3; GST3; Glutathione S-transferase P; GST class-pi; GSTP1-1
<b>Gene ID</b>	2950
<b>SwissProt ID</b>	P09211.

## Application

<b>Dilution Ratio</b>	WB: 1:500-1:1000 IHC: 1:50-1:100 IF: 1:50-1:200 FC: 1:50-1:100
<b>Molecular Weight</b>	Calculated MW: 23 kDa; Observed MW: 23 kDa

## Background

Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles.

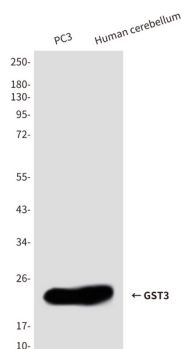
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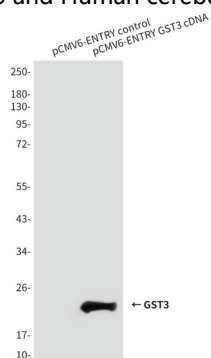
## Research Area

Cardiovascular

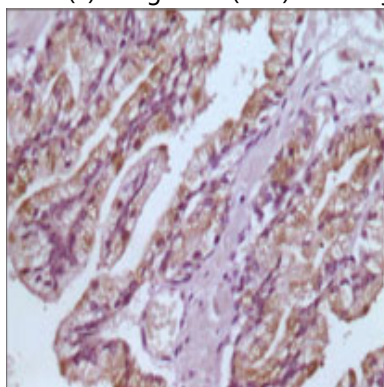
## Image Data



Western blot analysis of GST3 (9D4) in PC-3 and Human cerebellum lysates using GST3 (9D4) antibody.

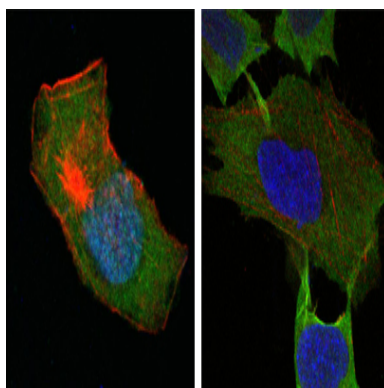


Western blot analysis of GST3 (9D4) in HEK293T transfected with the pCMV6ENTRY control (1) and pCMV6ENTRY GSTP1 cDNA (2) using GST3 (9D4) antibody

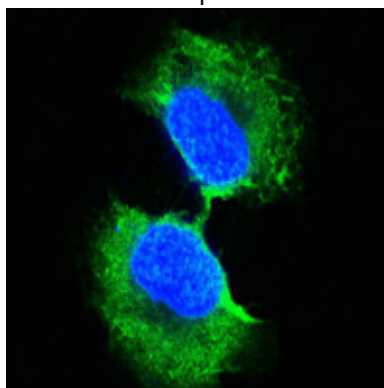


Immunohistochemistry analysis of paraffin-embedded Human prostate tissues using GSTP1 antibody with DAB staining. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

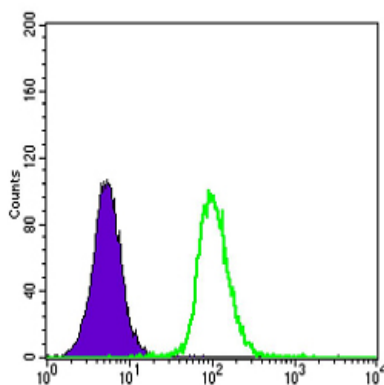
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Immunofluorescence analysis of GST3 (9D4) in Confocal HepG2 (left) and L02 (right) using GST3 (9D4) antibody(green). Red: Actin filaments have been labeled with DY554 phalloidin. Blue: DRAQ5 fluorescent DNA dye.



Immunofluorescence analysis of GST3 in PC-3 using GSTP1 antibody (green). Blue: DRAQ5 fluorescent DNA dye.



Flow cytometry analysis of K562 stained with GSTP1 antibody (green) and negative control (purple).

## Note

For research use only.