

# GST- $\pi$ Antibody

Mouse Monoclonal Antibody (Mab)

Catalog # AD80321

## Product Information

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Application	IHC
Primary Accession	<a href="#">P09211</a>
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Names	132C2D7
Calculated MW	23356

## Additional Information

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Gene ID	2950
Gene Name	GSTP1
Other Names	Glutathione S-transferase P, 2.5.1.18, GST class-pi, GSTP1-1, GSTP1, FAEES3, GST3
Dilution	IHC~~1:100~500
Storage	Maintain refrigerated at 2-8°C.
Precautions	GST- $\pi$ Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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Name	GSTP1 ( <a href="#">HGNC:4638</a> )
Synonyms	FAEES3, GST3
Function	Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles. Involved in the formation of glutathione conjugates of both prostaglandin A2 (PGA2) and prostaglandin J2 (PGJ2) (PubMed: <a href="#">9084911</a> ). Participates in the formation of novel hepoxilin regioisomers (PubMed: <a href="#">21046276</a> ). Negatively regulates CDK5 activity via p25/p35 translocation to prevent neurodegeneration.
Cellular Location	Cytoplasm. Mitochondrion. Nucleus. Note=The 83 N-terminal amino acids function as an uncleaved transit peptide, and arginine residues within it are crucial for mitochondrial localization

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.