

**Anti-GST3 / GSTP1 Monoclonal Antibody**  
Catalog # ABO14733**Specification****Anti-GST3 / GSTP1 Monoclonal Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB, IHC, IF, ICC       |
| Primary Accession | <a href="#">P09211</a> |
| Host              | Rabbit                 |
| Isotype           | Rabbit IgG             |
| Reactivity        | Rat, Human, Mouse      |
| Clonality         | Monoclonal             |
| Format            | Liquid                 |

**Description**

Anti-GST3 / GSTP1 Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.

**Anti-GST3 / GSTP1 Monoclonal Antibody - Additional Information**

**Gene ID** 2950

**Other Names**

Glutathione S-transferase P, 2.5.1.18, GST class-pi, GSTP1-1, GSTP1 ([HGNC:4638](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=4638)), FAEES3, GST3

**Application Details**

WB 1:500-1:2000<br>IHC 1:50-1:200<br>ICC/IF 1:50-1:200

**Contents**

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

**Immunogen**

A synthesized peptide derived from human GST3 / GST pi Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles.

**Purification**

Affinity-chromatography

**Storage**

**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

**Anti-GST3 / GSTP1 Monoclonal Antibody - Protein Information**

**Name** GSTP1 ([HGNC:4638](#))

## 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="http://www.uniprot.org/citations/9084911" target="\_blank">9084911</a>). Participates in the formation of novel hepoxilin regioisomers (PubMed:<a href="http://www.uniprot.org/citations/21046276" target="\_blank">21046276</a>). Negatively regulates CDK5 activity via p25/p35 translocation to prevent neurodegeneration.

### Cellular Location

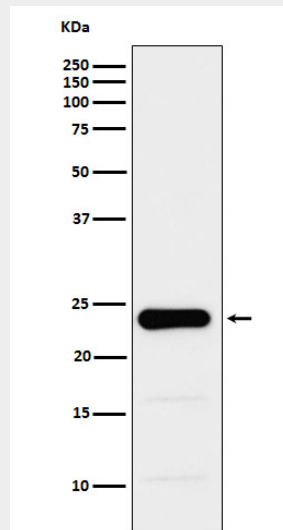
Cytoplasm. Mitochondrion. Nucleus. Note=The 83 N-terminal amino acids function as an uncleaved transit peptide, and arginine residues within it are crucial for mitochondrial localization

## Anti-GST3 / GSTP1 Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Anti-GST3 / GSTP1 Monoclonal Antibody - Images



Western blot analysis of GST3 / GST pi expression in PC3 cell lysate.