

## GST-Pi (ABT256) mouse mAb

Catalog No :	YM4859
Reactivity :	Human;Mouse;
Applications :	IHC;WB;IF;ELISA
Target :	GST-Pi
Fields :	>>Glutathione metabolism;>>Metabolism of xenobiotics by cytochrome P450;>>Drug metabolism - cytochrome P450;>>Drug metabolism - other enzymes;>>Metabolic pathways;>>Platinum drug resistance;>>Pathways in cancer;>>Chemical carcinogenesis - DNA adducts;>>Prostate cancer;>>Hepatocellular carcinoma;>>Fluid shear stress and atherosclerosis
Gene Name :	GSTP1 FAEES3 GST3
Protein Name :	Deafness;Deafness X-linked 7;DFN7;FAEES3;Fatty Acid Ethyl Ester Synthase III;Glutathione S Transferase 3;Glutathione S Transferase Pi;Glutathione S- transferase P;Glutathione S-transferase pi 1;GST cla
Human Swiss Prot	P09211
Human Swiss Prot No : Mouse Swiss Prot	P09211
Human Swiss Prot No : Mouse Swiss Prot No :	P09211 P19157
Human Swiss Prot No : Mouse Swiss Prot No : Rat Swiss Prot No :	P09211   P19157   P04906
Human Swiss Prot No : Mouse Swiss Prot No : Rat Swiss Prot No : Immunogen :	P09211   P19157   P04906   Synthesized peptide derived from human GST-Pi AA range: 150-210
Human Swiss Prot No : Mouse Swiss Prot No : Rat Swiss Prot No : Immunogen : Specificity :	P09211   P19157   P04906   Synthesized peptide derived from human GST-Pi AA range: 150-210   The antibody can specifically recognize human GST-Pi protein.
Human Swiss Prot No : Mouse Swiss Prot No : Rat Swiss Prot No : Immunogen : Specificity : Formulation :	P09211   P19157   P04906   Synthesized peptide derived from human GST-Pi AA range: 150-210   The antibody can specifically recognize human GST-Pi protein.   PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Human Swiss Prot No : Mouse Swiss Prot No : Rat Swiss Prot No : Immunogen : Specificity : Formulation : Source :	P09211   P19157   P04906   Synthesized peptide derived from human GST-Pi AA range: 150-210   The antibody can specifically recognize human GST-Pi protein.   PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA   Mouse, Monoclonal/lgG2b, kappa
Human Swiss Prot No : Mouse Swiss Prot No : Rat Swiss Prot No : Immunogen : Specificity : Formulation : Source : Dilution :	P09211   P19157   P04906   Synthesized peptide derived from human GST-Pi AA range: 150-210   The antibody can specifically recognize human GST-Pi protein.   PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA   Mouse, Monoclonal/IgG2b, kappa   IHC 1:200-1000. WB 1:500-2000. IF 1:100-500. ELISA 1:1000-5000



Best Tools for immunology Research	
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	_23kD
Observed Band :	_23kD
Background :	GST -Pi is a major isoenzyme in GST family. It widely exists in the cytoplasm and mitochondria of human organs and has detoxification function. At present, it is considered to be a marker of drug resistance in tumor cells. GST - Pi is highly expressed in a variety of tumors, which is related to tumor treatment drug resistance. The simultaneous detection of GST - Pi with P-gp and TopoII has more clinical significance for judging whether tumor cells produce drug resistance.
Function :	catalytic activity:RX + glutathione = HX + R-S-glutathione.,function:Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles.,online information:The Singapore human mutation and polymorphism database,similarity:Belongs to the GST superfamily. Pi family.,similarity:Contains 1 GST C-terminal domain.,similarity:Contains 1 GST N- terminal domain.,subunit:Homodimer.,
Subcellular	Cytoplasmic
Expression :	Esophageal squamous cell carcinoma
Sort :	999
No4 :	1



## **Products Images**

Hela whole cell lysates were separated by 10% SDS-PAGE, and the membrane was blotted with anti-GST-Pi(ABT256) antibody. The HRP-conjugated Goat anti-Mouse IgG(H + L) antibody was used to detect the antibody. Lane 1: Hela





Human esophageal squamous cell carcinoma tissue was stained with Anti-GST-Pi (ABT256) Antibody