



GST-Pi (ABT256) Mouse mAb

Catalog No	BYab-31122
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	IHC;WB;
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
Immunogen	Synthesized peptide derived from human GST-Pi
Specificity	The antibody can specifically recognize human GST-Pi protein.
Formulation	PBS, pH7.2, 0.03% Porcolin 300, containing stabilizing protein
Source	Monoclonal Mouse IgG2b, Kappa
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution	IHC-p 1:200-400, WB 1:200-1000,
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	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 class-pi;GST3;GSTP;Gstp1;GSTP1-1;GSTP1_HUMAN;PI;X linked 7
Observed Band	
Cell Pathway	Cytoplasmic
Tissue Specificity	Esophageal squamous cell carcinoma
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.,

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Background

Glutathione S-transferases (GSTs) are a family of enzymes that play an important role in detoxification by catalyzing the conjugation of many hydrophobic and electrophilic compounds with reduced glutathione. Based on their biochemical, immunologic, and structural properties, the soluble GSTs are categorized into 4 main classes: alpha, mu, pi, and theta. This GST family member is a polymorphic gene encoding active, functionally different GSTP1 variant proteins that are thought to function in xenobiotic metabolism and play a role in susceptibility to cancer, and other diseases. [provided by RefSeq, Jul 2008],

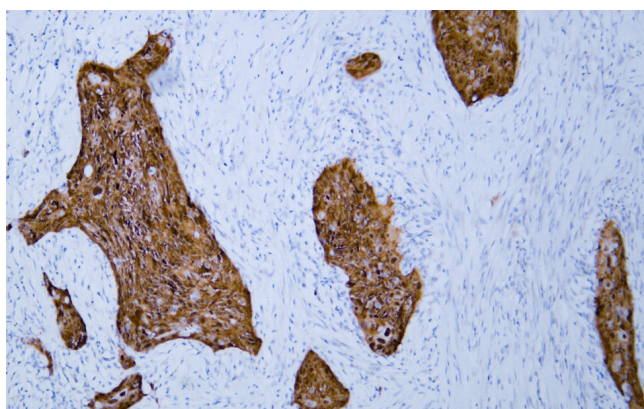
matters needing attention

Avoid repeated freezing and thawing!

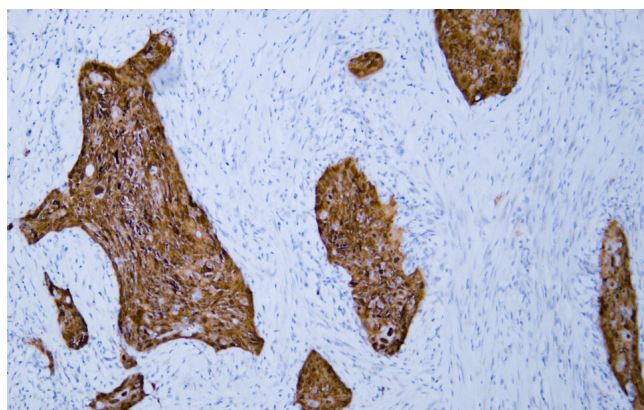
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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



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 Predicted band size: 23kDa Observed band size: 23kDa