



# GST-Pi (ABT153R) Rabbit mAb (Ready to Use)

<b>Catalog No</b>	YP-rAb-18287
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human
<b>Applications</b>	IHC
<b>Gene Name</b>	Glutathione S-transferase P (EC 2.5.1.18) (GST class-pi) (GSTP1-1)
<b>Protein Name</b>	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
<b>Purification Process</b>	Protein A
<b>Specificity</b>	This antibody detects endogenous levels of GST-Pi
<b>Formulation</b>	The prediluted ready-to-use antibody is diluted in phosphate buffer saline containing stabilizing protein and 0.05% Proclin 300
<b>Source</b>	Monoclonal, Rabbit,IgG
<b>Dilution</b>	Ready to use for IHC Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0
<b>Concentration</b>	0.5 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	2° C to 8° C/1 year,Ship by ice bag
<b>Synonyms</b>	GSTP1 FAEES3 GST3
<b>Observed Band</b>	
<b>Calculated Molecular Weight</b>	
<b>Cell Pathway</b>	Cytoplasmic
<b>Tissue Specificity</b>	Esophageal squamous cell carcinoma
<b>Function</b>	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.,
<b>Background</b>	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,





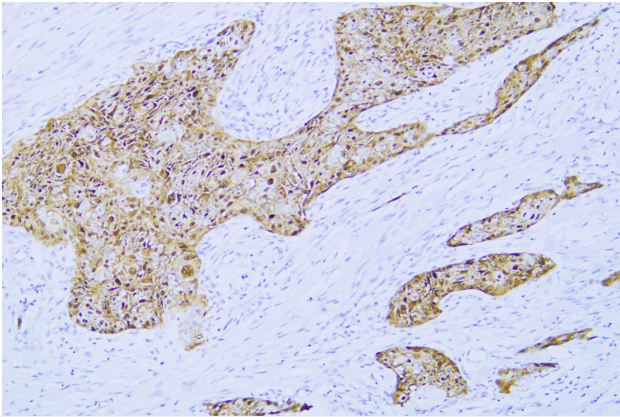
immunologic, and structural properties, the soluble GSTs are categorized into 4 main classes: alpha, mu, pi, and theta. This GST family member is a polymorphic gene encoding active, functionally different GSTP1 variant proteins that are thought to function in xenobiotic metabolism and play a role in 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.



Human esophageal squamous cell carcinoma was stained with anti-GST-Pi (ABT153R) rabbit mAb

