

GST-Pi (AB1396) mouse mAb

W0422

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse;

Applications

- IHC; WB; IF; ELISA

MW

- 23 kDa (calculated)
- 23 kDa (observed)

Isotype

- IgG2b, kappa

Recommended Dilution Ratios

Application

IHC; WB; IF; ELISA

Dilution

IHC, 1:200-1:1000 | WB, 1:500-1:2000 | IF, 1:100-1:500 | ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality	Monoclonal
Clone Number	AB1396
Immunogen	A synthetic peptide corresponding to the amino acid region 150 - 210 of the human GST - Pi protein.
Specificity	The antibody can specifically recognize human GST-Pi protein.
Purification	Affinity purification Protein A
Concentration	Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name	GSTP1		
Protein Name	GST-Pi		
Database Link	Organism	Swiss Prot.	Gene ID
	Human	P09211	2950

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.
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