

GST-Pi (AB1396) mouse mAb

V0370

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse;

Applications

- Immunohistochemistry (IHC)

MW

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

Isotype

- IgG2b, kappa

Recommended Dilution Ratios

Application

Immunohistochemistry (IHC)

Dilution

IHC, 1:200-1:400

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.