

GSTP1 monoclonal antibody

Catalog: MB22936

Host: Mouse

Reactivity: Human

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.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

23kDa

Swiss-Prot:

P09211

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1/500 - 1/2000 IHC:1/200-1/1000 IF:1/200 - 1/1000
FC:1/200-1/400

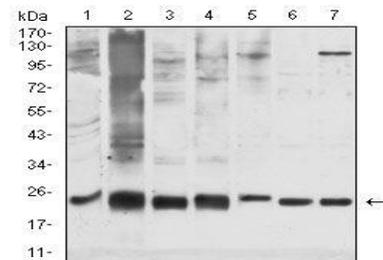
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

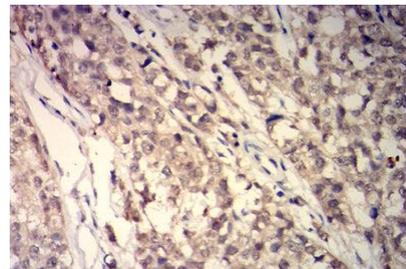
Isotype:

Mouse IgG1

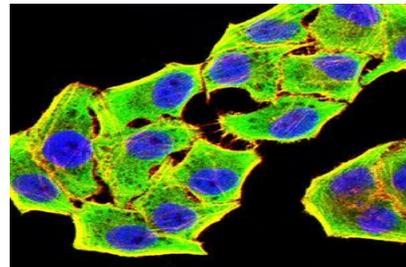
DATA:



Western blot analysis using GSTP1 mouse mAb against PC-3 (1), K562 (2), Hela (3), Jurkat (4), MOLT-4 (5), HCT116 (6), and A431 (7) cell lysate.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using GSTP1 mouse mAb with DAB staining.



Immunofluorescence analysis of HeLa cells using GSTP1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

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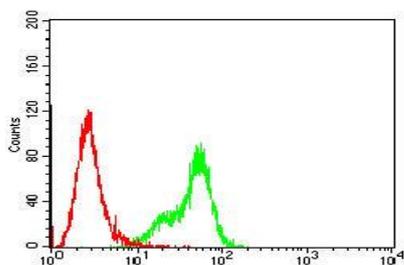
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Flow cytometric analysis of Hela cells using GSTP1 mouse mAb (green) and negative control (red).

Note:

For research use only, not for use in diagnostic procedure.

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