

Product Datasheet

Glutathione S-Transferase pi 1/GSTP1 Antibody (3F2C2) NB110-60512

Unit Size: 0.1 ml

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

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NB110-60512**Glutathione S-Transferase pi 1/GSTP1 Antibody (3F2C2)**

| Product Information | |
|--------------------------------|--|
| Unit Size | 0.1 ml |
| Concentration | This product is unpurified. The exact concentration of antibody is not quantifiable. |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | 3F2C2 |
| Preservative | 0.03% Sodium Azide |
| Isotype | IgG1 |
| Purity | Ascites |
| Buffer | Ascites |
| Target Molecular Weight | 23 kDa |

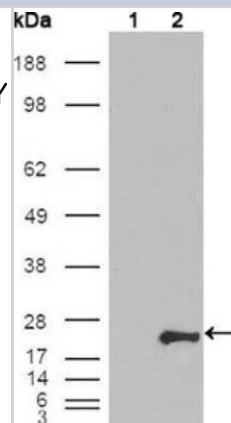
| Product Description | |
|----------------------------|--|
| Description | Novus Biologicals Mouse Glutathione S-Transferase pi 1/GSTP1 Antibody (3F2C2) (NB110-60512) is a monoclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. Anti-Glutathione S-Transferase pi 1/GSTP1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Mouse |
| Gene ID | 2950 |
| Gene Symbol | GSTP1 |
| Species | Human, Mouse |
| Reactivity Notes | Mouse reactivity reported in the scientific literature (PMID: 23703832). Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions. |
| Immunogen | Purified recombinant fragment of human Glutathione S-Transferase pi 1/GSTP1 expressed in E. Coli. |

| Product Application Details | |
|------------------------------------|---|
| Applications | Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry |
| Recommended Dilutions | Western Blot 1:500 - 1:2000, Flow Cytometry 1:200 - 1:400, ELISA 1:10000, Immunohistochemistry 1:200 - 1:1000, Immunocytochemistry/ Immunofluorescence 1:200 - 1:1000, Immunohistochemistry-Paraffin 1:200 - 1:1000 |

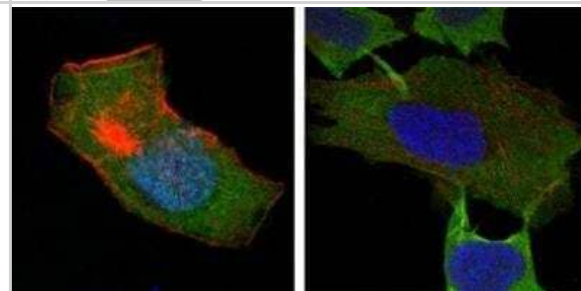


Images

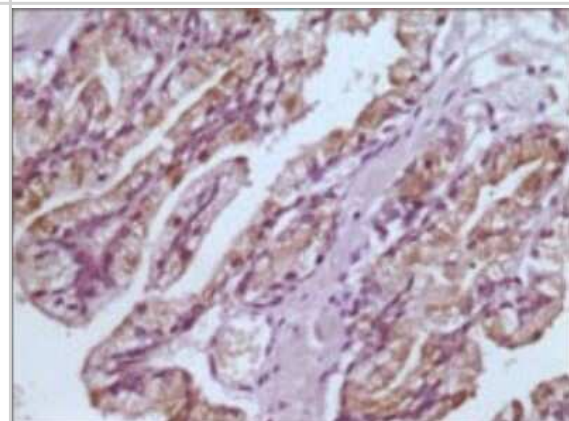
Western Blot: Glutathione S-Transferase pi 1/GSTP1 Antibody (3F2C2) [NB110-60512] - Analysis using GSTP1 mouse mAb against HEK293T cells transfected with the pCMV6-ENTRY control (1) and pCMV6-ENTRY GSTP1 cDNA (2).



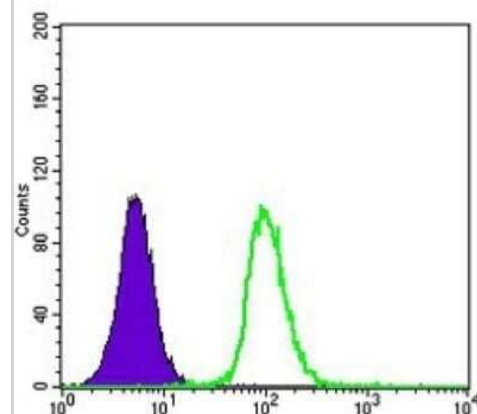
Immunocytochemistry/Immunofluorescence: Glutathione S-Transferase pi 1/GSTP1 Antibody (3F2C2) [NB110-60512] - Analysis of HepG2 (left) and L-02 (right) cells using GSTP1 mouse mAb (green). Red: Actin filaments have been labeled with DY-554 phalloidin. Blue: DRAQ5 fluorescent DNA dye.



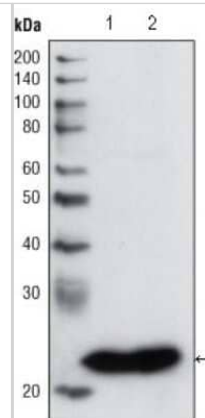
Immunohistochemistry-Paraffin: Glutathione S-Transferase pi 1/GSTP1 Antibody (3F2C2) [NB110-60512] - Analysis of human prostate tissues using GSTP1 mouse mAb with DAB staining.



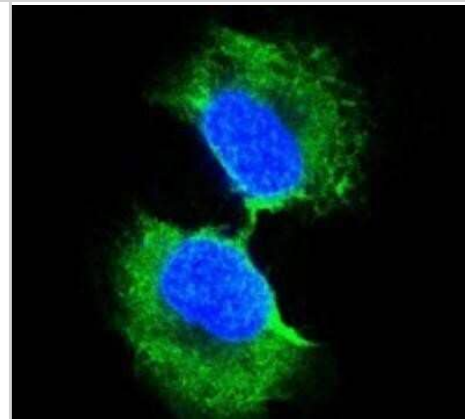
Flow Cytometry: Glutathione S-Transferase pi 1/GSTP1 Antibody (3F2C2) [NB110-60512] - Analysis of K562 cells using GSTP1 mouse mAb (green) and negative control (purple).



Western Blot: Glutathione S-Transferase pi 1/GSTP1 Antibody (3F2C2) [NB110-60512] - Analysis using GSTP1 mouse mAb against PC3 cell lysate (1) and human cerebellum tissue lysate (2).



Immunocytochemistry/Immunofluorescence: Glutathione S-Transferase pi 1/GSTP1 Antibody (3F2C2) [NB110-60512] - Analysis of PC-3 cells using GSTP1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.



Publications

Kaisar MA, Sivandzade F, Bhalerao A, Cucullo L Conventional and electronic cigarettes dysregulate the expression of iron transporters and detoxifying enzymes at the brain vascular endothelium: In vivo evidence of a gender-specific cellular response to chronic cigarette smoke exposure *Neurosci Lett.* 2018-08-23 [PMID: 29879439] (WB, Mouse)

Hasenfuss SC, Bakiri L, Thomsen MK et al. The AP-1 transcription factor Fra-1 is dispensable for murine liver fibrosis, but modulates xenobiotic metabolism. *Hepatology* 2013-05-23 [PMID: 23703832] (WB, Mouse)



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Products Related to NB110-60512

| | |
|------------------|--|
| NBL1-11376 | Glutathione S-Transferase pi 1/GSTP1 Overexpression Lysate |
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP] |
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB7539 | Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1) |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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