

Product Datasheet

Glutathione S-Transferase pi 1/GSTP1 Antibody (11D5) NBP2-76868

Unit Size: 100 ul

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

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NBP2-76868**Glutathione S-Transferase pi 1/GSTP1 Antibody (11D5)**

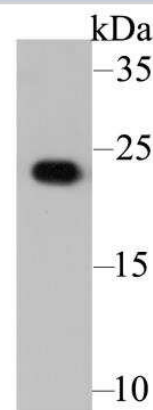
Product Information	
Unit Size	100 ul
Concentration	2 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	11D5
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	PBS (pH7.4), 0.2% BSA, 50% Glycerol
Target Molecular Weight	23 kDa

Product Description	
Host	Mouse
Gene Symbol	GSTP1
Species	Human, Mouse, Rat
Reactivity Notes	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. Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-questions.
Immunogen	Recombinant protein within Human Glutathione S-Transferase pi 1/GSTP1 aa 1-183 / 210. (SwissProt: P09211 Human; SwissProt: P19157 Mouse; SwissProt: P04906 Rat)

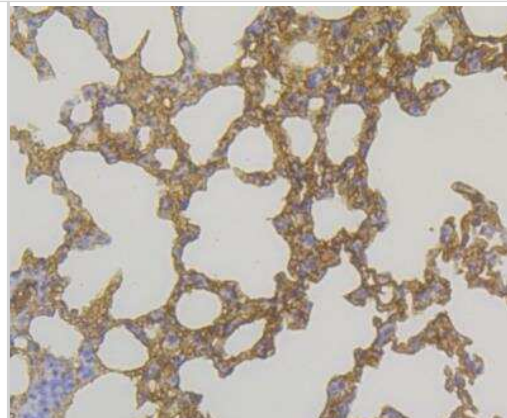
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunohistochemistry-Paraffin 1:50-1:200

Images

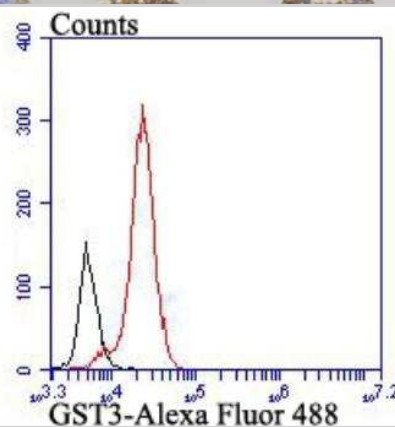
Western Blot: Glutathione S-Transferase pi 1/GSTP1 Antibody (11D5) [NBP2-76868] - Western blot analysis of GST3 on A549 cell lysate. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody was used at a 1:500 dilution in 5% BSA at room temperature for 2 hours. Goat Anti-Mouse IgG - HRP Secondary Antibody (HA1006) at 1:5,000 dilution was used for 1 hour at room temperature.



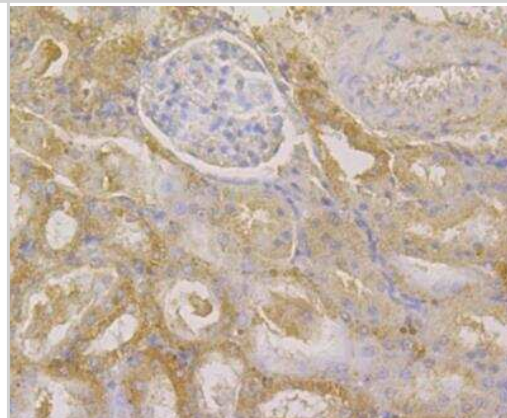
Immunohistochemistry: Glutathione S-Transferase pi 1/GSTP1 Antibody (11D5) [NBP2-76868] - Immunohistochemical analysis of paraffin-embedded mouse lung tissue using anti-GST3 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the antibody at 1/200 dilution, for 30 minutes at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. Counter stained with hematoxylin and mounted with DPX.



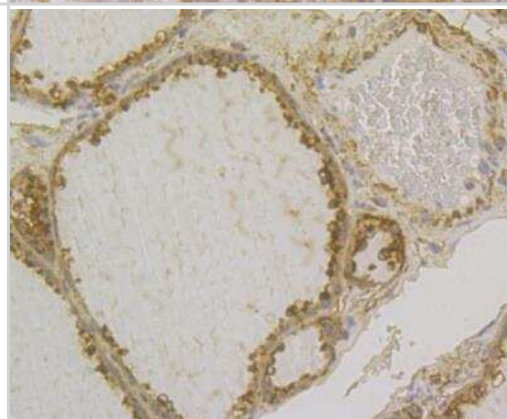
Flow Cytometry: Glutathione S-Transferase pi 1/GSTP1 Antibody (11D5) [NBP2-76868] - Flow cytometric analysis of GST3 was done on HCT116 cells. The cells were fixed, permeabilized and stained with GST3 antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). After incubation of the primary antibody on room temperature for an hour, the cells were stained with a Alexa Fluor 488-conjugated goat anti-mouse IgG Secondary antibody at 1/500 dilution for 30 minutes.



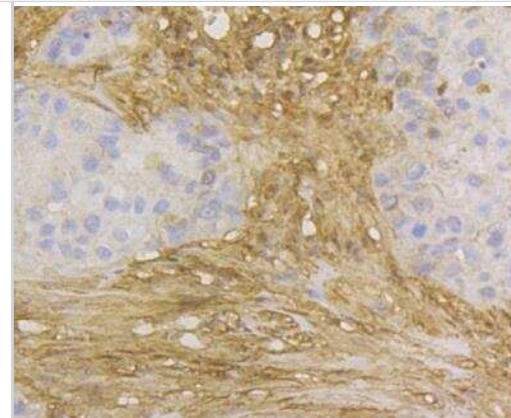
Immunohistochemistry: Glutathione S-Transferase pi 1/GSTP1 Antibody (11D5) [NBP2-76868] - Immunohistochemical analysis of paraffin-embedded rat kidney tissue using anti-GST3 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the antibody at 1/50 dilution, for 30 minutes at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. Counter stained with hematoxylin and mounted with DPX.



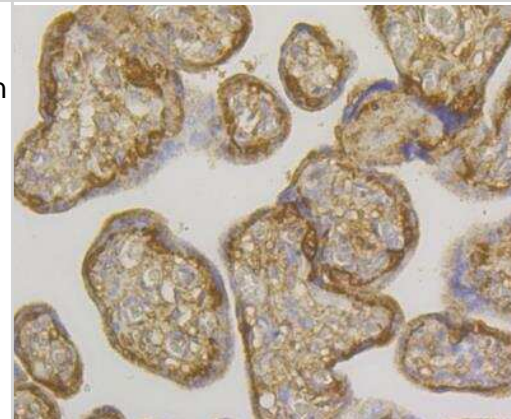
Immunohistochemistry: Glutathione S-Transferase pi 1/GSTP1 Antibody (11D5) [NBP2-76868] - Immunohistochemical analysis of paraffin-embedded human thyroid gland tissue using anti-GST3 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the antibody at 1/200 dilution, for 30 minutes at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. Counter stained with hematoxylin and mounted with DPX.



Immunohistochemistry: Glutathione S-Transferase pi 1/GSTP1 Antibody (11D5) [NBP2-76868] - Immunohistochemical analysis of paraffin-embedded human breast cancer tissue using anti-GST3 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the antibody at 1/200 dilution, for 30 minutes at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. Counter stained with hematoxylin and mounted with DPX.



Immunohistochemistry: Glutathione S-Transferase pi 1/GSTP1 Antibody (11D5) [NBP2-76868] - Immunohistochemical analysis of paraffin-embedded human placenta tissue using anti-GST3 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the antibody at 1/200 dilution, for 30 minutes at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. Counter stained with hematoxylin and mounted with DPX.





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