

# Product Datasheet

## Glutathione Peroxidase 4/GPX4 Antibody (LHM 2) NBP3-07344-100ug

Unit Size: 100 ug

Store at 4C.

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**NBP3-07344-100ug**

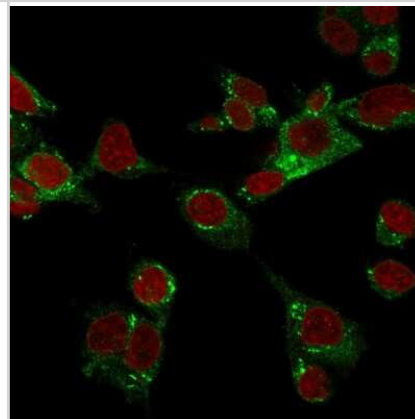
Glutathione Peroxidase 4/GPX4 Antibody (LHM 2)

Product Information	
Unit Size	100 ug
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	LHM 2
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	21 kDa
Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP3-08253)  Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	2879
Gene Symbol	GPX4
Species	Human, Mouse, Rat
Immunogen	A 375P cells crude extract
Product Application Details	
Applications	ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Flow Cytometry 1-2 ug/million cells, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml
Application Notes	ELISA: For coating, order antibody without BSA). Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.



## Images

Immunocytochemistry/Immunofluorescence: Glutathione Peroxidase 4/GPX4 Antibody (LHM 2) [NBP3-07344] - Confocal immunofluorescence image of HepG2 cells stained with Glutathione Peroxidase 4/GPX4 Mouse Monoclonal Antibody (LHM 2) followed by goat anti- Mouse CF488 (green). RedDot is used to label the nuclei red.



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**Products Related to NBP3-07344-100ug**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-56139PEP	Glutathione Peroxidase 4/GPX4 Recombinant Protein Antigen

**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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