

# Product Datasheet

## GPD2 Antibody (2C11-1F4) - Azide and BSA Free H00002820-M02

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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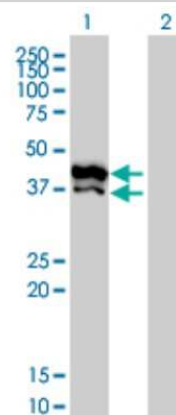
**H00002820-M02**

GPD2 Antibody (2C11-1F4) - Azide and BSA Free

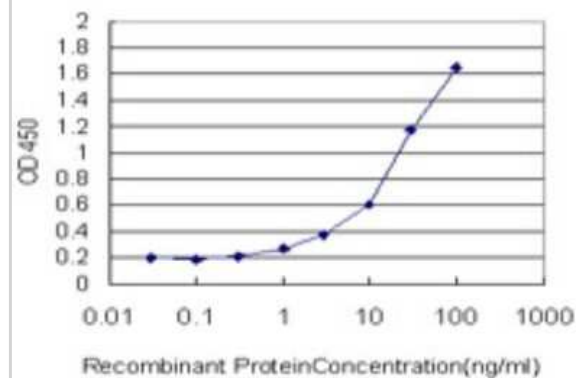
<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	2C11-1F4
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Product Description</b>	
<b>Description</b>	Quality control test: Antibody Reactive Against Recombinant Protein.
<b>Host</b>	Mouse
<b>Gene ID</b>	2820
<b>Gene Symbol</b>	GPD2
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	GPD2 - glycerol-3-phosphate dehydrogenase 2 (mitochondrial)
<b>Immunogen</b>	GPD2 (AAH19874, 1 a.a. ~ 378 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MAFQKAVKGTLVGGGALATVLGLSQFAHYRRKQMNLAYVKAADCISEPVNRE PPSREAQLLTLQNTSEFDILVIGGGATGSGCALDAVTRGLKTALVERDDFSSGT SSRSTKLIHGGVRYLQKAIMKLDIEQYRMVKEALHERANLLEIAPHLSAPLPIMLP VYKWWQLPYYWVGIKLYDLVAGSNCLKSSYVLSKSRALEHFPMLQKDKLVGAI VYYDGQHNDARMNLAIALTAARYGAATANYMEVVSLKKTDPTGKVVHVS RCKDVLTGQEFVRAKCVINATGPFTDSVRKMDDKAAAICQPSAGVHIVMPG YSPESMGLLDPATSDGRVIFFLPWQKMTIAGTTDPTDVTTHPIPSEEDINFIL NEV
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Sandwich ELISA
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA, Sandwich ELISA
<b>Application Notes</b>	Antibody reactivity against transfected lysate and recombinant protein for WB. It has been used for ELISA.

## Images

Western Blot: GPD2 Antibody (2C11-1F4) [H00002820-M02] - Western Blot analysis of GPD2 expression in transfected 293T cell line by GPD2 monoclonal antibody (M02), clone 2C11-1F4. Lane 1: GPD2 transfected lysate (41 KDa). Lane 2: Non-transfected lysate.



Sandwich ELISA: GPD2 Antibody (2C11-1F4) [H00002820-M02] - Detection limit for recombinant GST tagged GPD2 is approximately 1ng/ml as a capture antibody.





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### **Products Related to H00002820-M02**

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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)
H00002820-P01-10ug	Recombinant Human GPD2 GST (N-Term) Protein

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### **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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