

# Product Datasheet

## Glucose 1-dehydrogenase Antibody H00009563-B01P

Unit Size: 0.05 mg

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

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**H00009563-B01P****Glucose 1-dehydrogenase Antibody**

| <b>Product Information</b> |                                                                                                                  |
|----------------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>           | 0.05 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>           | Polyclonal                                                                                                       |
| <b>Preservative</b>        | No Preservative                                                                                                  |
| <b>Isotype</b>             | IgG                                                                                                              |
| <b>Purity</b>              | IgG purified                                                                                                     |
| <b>Buffer</b>              | PBS (pH 7.4)                                                                                                     |

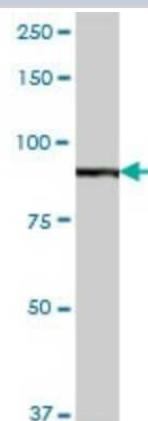
| <b>Product Description</b>     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Host</b>                    | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Gene ID</b>                 | 9563                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Gene Symbol</b>             | H6PD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Species</b>                 | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Specificity/Sensitivity</b> | H6PD - hexose-6-phosphate dehydrogenase (glucose 1-dehydrogenase),                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Immunogen</b>               | H6PD (AAH81559.1, 1 a.a. - 791 a.a.) full-length human protein.<br>MWNMLIVAMCLALLGCLQAQELQGHVSIILLGATGDLAKKYLWQGLFQLYLDEA<br>GRGHSFSFHGAALTAPKQGQELMAKALESLSCKDMAPSHCAEHKDQFLQLS<br>QYRQLKTAEDYQALNKDIEAQLQHAGLREAGRIFYFSVPPFAYEDIARNINSSC<br>RPGPGAWLRVLEKPFQHDHFSQAQQLATELGTFQEEEMYRVDHYLGKQAVA<br>QILPFRDQNRKALDGLWNRHHVERVEIMKETVDAEGRTSFYEEYGVIRDVLQN<br>HLTEVLTIVAMELPHNVSSAEAVLRHKLQVFQALRGLQRGSAVVGQYQSYSE<br>QVRRELQKPDSEHSLTPTFAAVLVHIDNLRWEGVPFILMSGKALDERVGYARIL<br>FKNQACCVQSEKHWAQAQSQCLPRQLVFHGHGDLGSPAVLVSRNLFPRSLP<br>SSWKEMEGPPGLRFLGSPSLSDYYAYSPVQERDAHSVLLSHIFHGRKNFFITTE<br>NLLASWNFWTPLLLESLAHKAPRLYPGGAENGRLLDFEFSSGRLFFSQQQPEQL<br>VPGPGPAPMPSPDFQVLRKYRESPLVSAWSEELISKLANDIEATAVRVRRFG<br>QFHLALSGGSSPVALFQQLATAHYGFPWAHTHLWLVDERCVPPLSDPESNFQG<br>LQAHLLQHVRIPYYNIHPMPVHLQQRCAEEDQGAQIYAREISALVANSSFDLVL<br>LGMGADGHTASLFPQSPTGLDGEQLVVLTTSPSQPHRRMSLSLPLINRAKKVA<br>VLVMGRMKREITTLVSRVGHEPKKWPISGVLPHSGQLVWYMDYDAFLG |
| <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                                                                                                   |
| <b>Recommended Dilutions</b>       | Western Blot 1:500                                                                                             |
| <b>Application Notes</b>           | Antibody reactive against transfected lysate and tissue lysate for Western Blot. Has also been used for ELISA. |

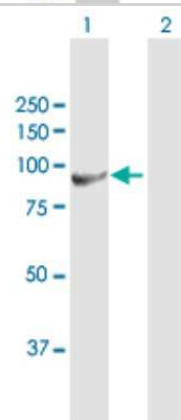


## Images

Western Blot: Glucose 1-dehydrogenase Antibody [H00009563-B01P] - Analysis of H6PD expression in human liver.



Western Blot: Glucose 1-dehydrogenase Antibody [H00009563-B01P] - Analysis of H6PD expression in transfected 293T cell line by H6PD polyclonal antibody. Lane 1: H6PD transfected lysate(87.01 KDa). Lane 2: Non-transfected lysate.





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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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