

# Product Datasheet

## Neuroglobin Antibody (2B5-A7) - Azide and BSA Free H00058157-M01

Unit Size: 0.1 mg

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

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**H00058157-M01**

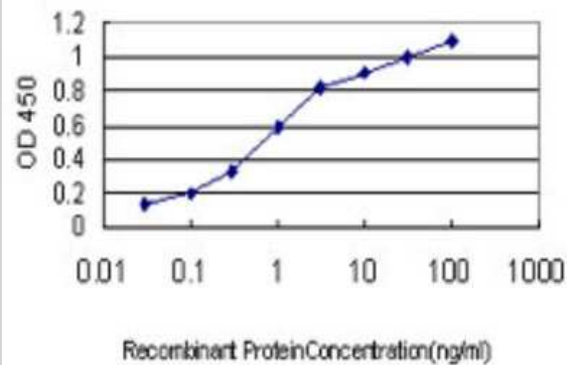
Neuroglobin Antibody (2B5-A7) - Azide and BSA Free

| <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>                       | 2B5-A7   |
| <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>                 | Novus Biologicals Mouse Neuroglobin Antibody (2B5-A7) - Azide and BSA Free (H00058157-M01) is a monoclonal antibody validated for use in WB and ELISA. Anti-Neuroglobin Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.          |
| <b>Host</b>                        | Mouse  |
| <b>Gene ID</b>                     | 58157  |
| <b>Gene Symbol</b>                 | NGB  |
| <b>Species</b>                     | Human  |
| <b>Reactivity Notes</b>            | Human. Other species not tested.   |
| <b>Specificity/Sensitivity</b>     | NGB - neuroglobin  |
| <b>Immunogen</b>                   | NGB (AAH32509, 1 a.a. ~ 151 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.<br>MERPEPELIRQSWRAVSRSPPLGHGTVLFARLFALEPDLLPLFQYNCRQFSSPE<br>DCLSSPEFLDHIRKVMLVIDAAVTNVEDLSSLEEYLASLGRKHRAVGVKLSSTFST<br>VGESLLYMLEKCLGPAFTPATRAAWSQLYGAVVQAMSRGWDGE |
| <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 reactive against recombinant protein with GST tag on ELISA and Western Blot. GST tag alone is used as a negative control.   |



## Images

Sandwich ELISA: Neuroglobin Antibody (2B5-A7) [H00058157-M01] - Detection limit for recombinant GST tagged NGB is approximately 0.03ng/ml as a capture antibody.



## Publications

Huihui Z, Yadan L, Yu X et al. Polydatin protects neuronal cells from hydrogen peroxide damage by activating CREB/Ngb signaling. Mol Med Rep. 2021-11-09 [PMID: 34751416]



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### **Products Related to H00058157-M01**

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|                  |  |
|------------------|--|
| 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] |
| NBP1-43319-0.5mg | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)      |

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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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