

# Product Datasheet

## **Nurr1/NGFI-B beta/NR4A2 Antibody (4A6) - Azide and BSA Free** **H00004929-M07-100ug**

Unit Size: 100 ug

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

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Updated 2/21/2025 v.20.1

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**H00004929-M07-100ug**

Nurr1/NGFI-B beta/NR4A2 Antibody (4A6) - Azide and BSA Free

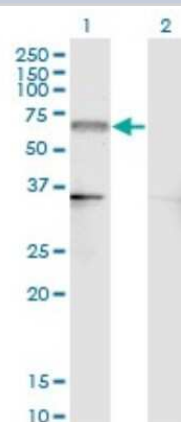
| Product Information |  |
|---------------------|--|
| Unit Size           | 100 ug   |
| Concentration       | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage             | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.   |
| Clonality           | Monoclonal   |
| Clone               | 4A6  |
| Preservative        | No Preservative  |
| Isotype             | IgG2a Kappa  |
| Purity              | IgG purified   |
| Buffer              | In 1x PBS, pH 7.4  |

| Product Description     |   |
|-------------------------|---|
| Description             | Quality control test: Antibody Reactive Against Recombinant Protein.  |
| Host                    | Mouse   |
| Gene ID                 | 4929  |
| Gene Symbol             | NR4A2   |
| Species                 | Human   |
| Specificity/Sensitivity | NR4A2 - nuclear receptor subfamily 4, group A, member 2   |
| Immunogen               | NR4A2 (AAH66890, 71 a.a. ~ 170 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.<br>GFQVQHSPMWDDPGSLHNFHQNYVATTHMIEQRKTPVSRLSLFSFKQSPPGT<br>PVSSCQMRFDGPLHVPMNPEPAGSHHVVDGQTFVAPNPIRKPA SMGFP |
| Notes                   | This product is produced by and distributed for Abnova, a company based in Taiwan.  |

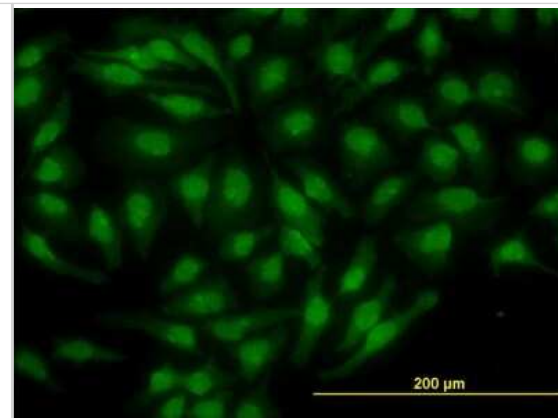
| Product Application Details |   |
|-----------------------------|---|
| Applications                | Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Sandwich ELISA  |
| Recommended Dilutions       | Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence, Sandwich ELISA  |
| Application Notes           | Antibody reactivity against tissue lysate, cell lysate and recombinant protein for WB. It has been used for IF and ELISA. |

**Images**

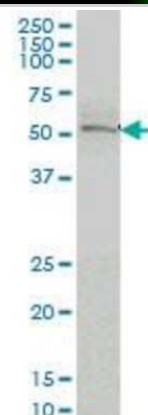
Western Blot: Nurr1/NGFI-B beta/NR4A2 Antibody (4A6) [H00004929-M07] - Analysis of NR4A2 expression in transfected 293T cell line by NR4A2 monoclonal antibody (M07), clone 4A6. Lane 1: NR4A2 transfected lysate (Predicted MW: 66.6 KDa). Lane 2: Non-transfected lysate.



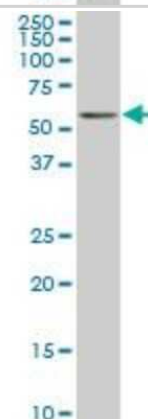
Immunocytochemistry/Immunofluorescence: Nurr1/NGFI-B beta/NR4A2 Antibody (4A6) [H00004929-M07] - Analysis of monoclonal antibody to NR4A2 on HeLa cell. Antibody concentration 10 ug/ml



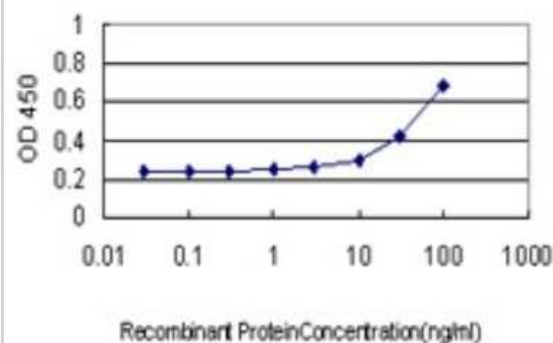
Western Blot: Nurr1/NGFI-B beta/NR4A2 Antibody (4A6) [H00004929-M07] - Western Blot analysis of NR4A2 expression in Hela NE ( Cat # L013V3 ).



Western Blot: Nurr1/NGFI-B beta/NR4A2 Antibody (4A6) [H00004929-M07] - Western Blot analysis of NR4A2 expression in human stomach.



Sandwich ELISA: Nurr1/NGFI-B beta/NR4A2 Antibody (4A6) [H00004929-M07] - Detection limit for recombinant GST tagged NR4A2 is approximately 3ng/ml as a capture antibody.



## Publications

Montzka K, Lassonczyk N, Tschöke B et al. Neural differentiation potential of human bone marrow-derived mesenchymal stromal cells: misleading marker gene expression. BMC Neurosci 10:16. 2009-03-03 [PMID: 19257891]



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### **Products Related to H00004929-M07-100ug**

|                    |  |
|--------------------|--|
| HAF007             | Goat anti-Mouse IgG Secondary Antibody [HRP]                   |
| NB720-B            | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]        |
| NBP1-96981-0.5mg   | Mouse IgG2a Kappa Isotype Control (M2AK)                       |
| H00004929-Q01-10ug | Recombinant Human Nurr1/NGFI-B beta/NR4A2 GST (N-Term) Protein |

### **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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