

# Product Datasheet

## NMDAR2B Antibody (6E9A8) - BSA Free NBP2-61746

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-61746**

NMDAR2B Antibody (6E9A8) - BSA Free

**Product Information**

|                                |                                                                                        |
|--------------------------------|----------------------------------------------------------------------------------------|
| <b>Unit Size</b>               | 0.1 ml                                                                                 |
| <b>Concentration</b>           | 1 mg/ml                                                                                |
| <b>Storage</b>                 | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| <b>Clonality</b>               | Monoclonal                                                                             |
| <b>Clone</b>                   | 6E9A8                                                                                  |
| <b>Preservative</b>            | 0.05% Sodium Azide                                                                     |
| <b>Isotype</b>                 | IgG1                                                                                   |
| <b>Purity</b>                  | Protein G purified                                                                     |
| <b>Buffer</b>                  | PBS                                                                                    |
| <b>Target Molecular Weight</b> | 166.4 kDa                                                                              |

**Product Description**

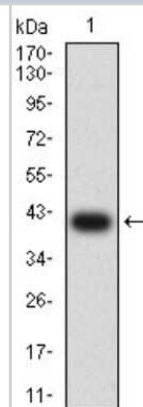
|                    |                                                                                                                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b> | Novus Biologicals Mouse NMDAR2B Antibody (6E9A8) - BSA Free (NBP2-61746) is a monoclonal antibody validated for use in WB, ELISA, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>        | Mouse                                                                                                                                                                                                                  |
| <b>Gene ID</b>     | 2904                                                                                                                                                                                                                   |
| <b>Gene Symbol</b> | GRIN2B                                                                                                                                                                                                                 |
| <b>Species</b>     | Human                                                                                                                                                                                                                  |
| <b>Immunogen</b>   | Purified recombinant fragment of human NMDAR2B (AA: extra 27-163) expressed in E. Coli.                                                                                                                                |

**Product Application Details**

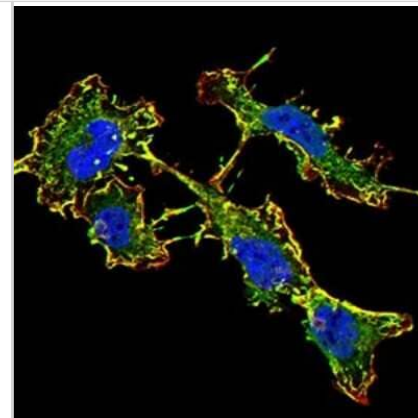
|                              |                                                                                                                           |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>          | Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence                                               |
| <b>Recommended Dilutions</b> | Western Blot 1:500-1:2000, Flow Cytometry 1:200-1:400, ELISA 1:10000, Immunocytochemistry/ Immunofluorescence 1:100-1:500 |

**Images**

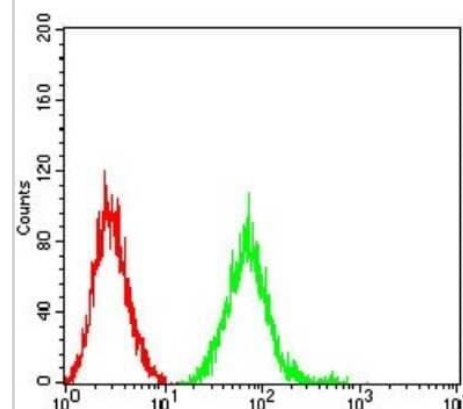
Western Blot: NMDAR2B Antibody (6E9A8) [NBP2-61746] - Analysis using GRIN2B mAb against human GRIN2B (AA: extra 27-163) recombinant protein. (Expected MW is 41 kDa)



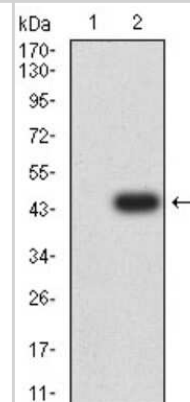
Immunocytochemistry/Immunofluorescence: NMDAR2B Antibody (6E9A8) [NBP2-61746] - Analysis of SK-N-SH cells using GRIN2B mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Goat anti-Mouse IgG (H+L) DyLight 488 secondary antibody was used.



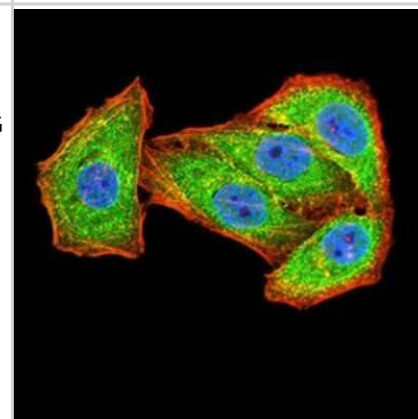
Flow Cytometry: NMDAR2B Antibody (6E9A8) [NBP2-61746] - Analysis of SK-N-SH cells using GRIN2B mouse mAb (green) and negative control (red).



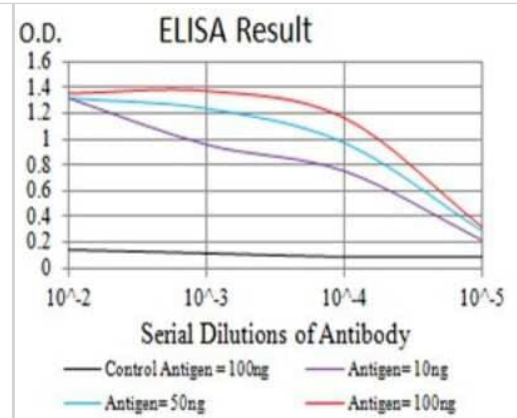
Western Blot: NMDAR2B Antibody (6E9A8) [NBP2-61746] - Analysis using GRIN2B mAb against HEK293 (1) and GRIN2B (AA: extra 27-163)-hlgGfc transfected HEK293 (2) cell lysate.



Immunocytochemistry/Immunofluorescence: NMDAR2B Antibody (6E9A8) [NBP2-61746] - Analysis of Hela cells using GRIN2B mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Goat anti-Mouse IgG (H+L) DyLight 488 secondary antibody was used.



ELISA: NMDAR2B Antibody (6E9A8) [NBP2-61746] - Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)





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### **Products Related to NBP2-61746**

|                    |                                                         |
|--------------------|---------------------------------------------------------|
| HAF007             | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B            | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-97005-0.5mg   | Mouse IgG1 Isotype Control (MG1)                        |
| H00002904-Q01-10ug | Recombinant Human NMDAR2B 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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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