

Product Datasheet

NMDAR2B Antibody (17) - BSA Free NBP3-43543

Unit Size: 0.2 mg

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

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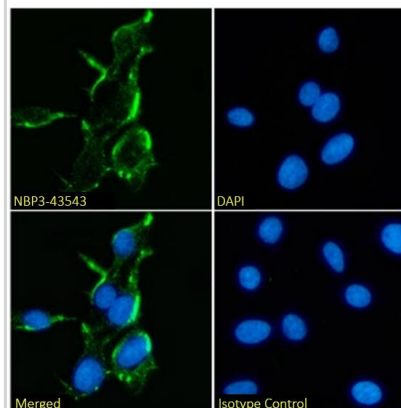


NBP3-43543**NMDAR2B Antibody (17) - BSA Free**

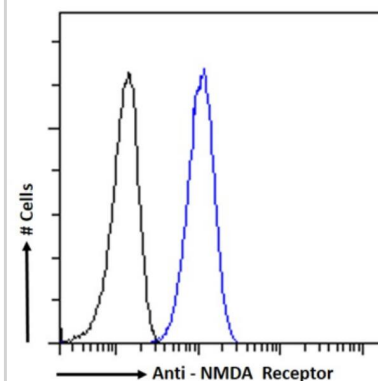
| Product Information | |
|------------------------------------|--|
| Unit Size | 0.2 mg |
| Concentration | 1 mg/ml |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | 17 |
| Preservative | 0.02% Proclin 300 |
| Isotype | IgG1 |
| Purity | Protein A purified |
| Buffer | PBS |
| Product Description | |
| Description | Novus Biologicals Mouse NMDAR2B Antibody (17) - BSA Free (NBP3-43487) is a recombinant monoclonal antibody validated for use in X-Ray Crystallography. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Mouse |
| Gene ID | 2904 |
| Gene Symbol | Grin2b |
| Species | Rat |
| Specificity/Sensitivity | Reacts specifically with rat GluN2B ATD. |
| Immunogen | Monoclonal antibodies that bind rat GluN2B ATD were obtained by immunizing mice with the purified intact GluN1-GluN2B NMDA receptors. IgGs were purified from hybridoma cell culture supernatant by Protein-A Sepharose. Fab fragments have been prepared by papain proteolysis followed by re-chromatographing onto Protein-A Sepharose to remove Fc. (Uniprot# Q00960) |
| Product Application Details | |
| Applications | X-Ray Crystallography |
| Recommended Dilutions | X-Ray Crystallography |
| Application Notes | This reformatted mouse antibody was made using the variable domain sequences of the original Mouse IgG format, for improved compatibility with existing reagents, assays and techniques. |

Images

Immunocytochemistry/ Immunofluorescence: NMDAR2B Antibody (17) - BSA Free [NBP3-43543] - Immunofluorescence analysis of paraformaldehyde fixed C6 cells stained with NBP3-43543 at 10 $\mu\text{g/ml}$ for 1h followed by Alexa Fluor® 488 secondary antibody (2 $\mu\text{g/ml}$), showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom NBP3-43543, DAPI, merged channels and an isotype control. The isotype control was an unknown specificity antibody followed by staining with Alexa Fluor® 488 secondary antibody.



Flow Cytometry: NMDAR2B Antibody (17) - BSA Free [NBP3-43543] - Paraformaldehyde fixed C6 cells permeabilized with 0.5% Triton were stained with anti-unknown specificity antibody (isotype control, black line) or NBP3-43543 (blue line) at a dilution of 1:100 for 1h at RT. After washing, the bound antibody was detected using a goat anti-rabbit IgG AlexaFluor® 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.





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Products Related to NBP3-43543

| | |
|--------------------|--|
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB7539 | Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP] |
| 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.

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