

Product Datasheet

alpha-2C Adrenergic R/ADRA2C Antibody (S330A-80) - BSA Free NBP2-22397

Unit Size: 0.1 mg

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

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NBP2-22397

alpha-2C Adrenergic R/ADRA2C Antibody (S330A-80) - BSA Free

| Product Information | |
|---------------------|--|
| Unit Size | 0.1 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 | S330A-80 |
| Preservative | 0.09% Sodium Azide |
| Isotype | IgG1 |
| Purity | Protein G purified |
| Buffer | PBS (pH 7.4), 50% Glycerol |

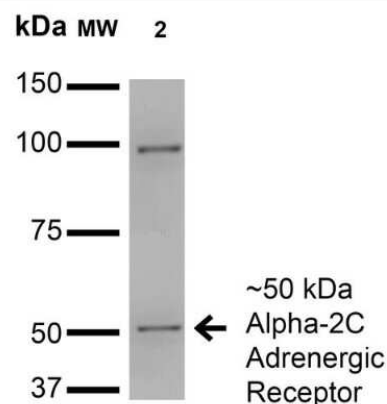
| Product Description | |
|-------------------------|---|
| Description | Novus Biologicals Mouse alpha-2C Adrenergic R/ADRA2C Antibody (S330A-80) - BSA Free (NBP2-22397) is a monoclonal antibody validated for use in WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Mouse |
| Gene ID | 152 |
| Gene Symbol | ADRA2C |
| Species | Human, Mouse |
| Specificity/Sensitivity | Detects 50kDa or larger (possibly due to dimerization). Does not cross-react with other adrenergic receptors. |
| Immunogen | Synthetic peptide amino acids 442- 462 (QDFRRSFKHILFRRRRRGFRQ, cytoplasmic C-terminus) of human Alpha-2C adrenergic receptor |

| Product Application Details | |
|-----------------------------|--|
| Applications | Western Blot, Immunocytochemistry/ Immunofluorescence |
| Recommended Dilutions | Western Blot 1:1000, Immunocytochemistry/ Immunofluorescence 1:10-1:2000 |
| Application Notes | 1 ug/ml of Alpha-2C Adrenergic Receptor Antibody was sufficient for detection of Alpha2C Adrenergic Receptor in 20 ug of COS cells transiently transfected with HA-tagged Alpha- lysate and assayed by colorimetric immunoblot analysis using goat anti-mouse IgG:HRP as the secondary Antibody. |

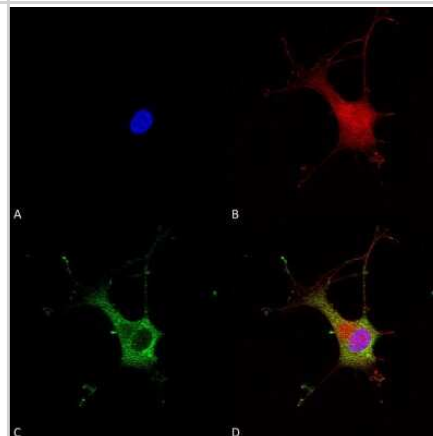


Images

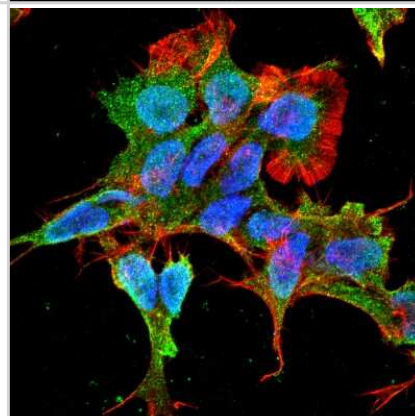
Western Blot: alpha-2C Adrenergic R/ADRA2C Antibody (S330A-80) [NBP2-22397] - Western Blot analysis of Monkey COS cells transfected with HA-tagged Alpha-2C showing detection of ~50 kDa Alpha-2C Adrenergic Receptor protein using Mouse Anti-Alpha-2C Adrenergic Receptor Monoclonal Antibody, Clone S330A-80 (NBP2-22397). Lane 1: Molecular Weight Ladder. Lane 2: Monkey COS cells transfected with HA-tagged Alpha-2C. Load: 15 ug. Block: 2% BSA and 2% Skim Milk in 1X TBST. Primary Antibody: Mouse Anti-Alpha-2C Adrenergic Receptor Monoclonal Antibody (NBP2-22397) at 1:200 for 16 hours at 4C. Secondary Antibody: Goat Anti-Mouse IgG: HRP at 1:1000 for 1 hour RT. Color Development: ECL solution for 6 min in RT. Predicted/Observed Size: ~50 kDa.



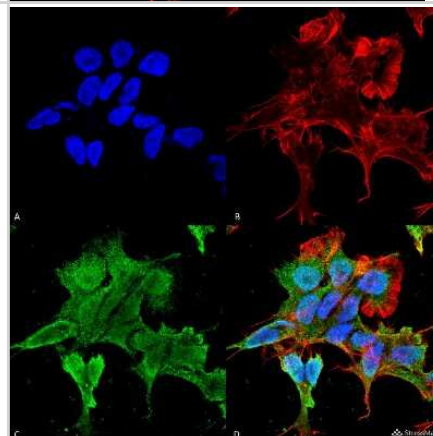
Immunocytochemistry/Immunofluorescence: alpha-2C Adrenergic R/ADRA2C Antibody (S330A-80) [NBP2-22397] - Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-Alpha-2C Adrenergic Receptor Monoclonal Antibody, Clone S330A-80 (NBP2-22397). Tissue: Neuroblastoma cells (SH-SY5Y). Species: Human. Fixation: 4% PFA for 15 min. Primary Antibody: Mouse Anti-Alpha-2C Adrenergic Receptor Monoclonal Antibody (NBP2-22397) at 1:100 for overnight at 4C with slow rocking. Secondary Antibody: AlexaFluor 488 at 1:1000 for 1 hour at RT. Counterstain: Phalloidin-iFluor 647 (red) F-Actin stain; Hoechst (blue) nuclear stain at 1:800, 1.6mM for 20 min at RT. (A) Hoechst (blue) nuclear stain. (B) Phalloidin-iFluor 647 (red) F-Actin stain. (C) Alpha-2C Adrenergic Receptor Antibody (D) Composite.



Immunocytochemistry/Immunofluorescence: alpha-2C Adrenergic R/ADRA2C Antibody (S330A-80) [NBP2-22397] - Tissue: Neuroblastoma cell line SK-N-BE. Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Mouse Anti-Alpha-2C Adrenergic Receptor Monoclonal Antibody at 1:100 for 60 min at RT. Secondary Antibody: Goat Anti-Mouse ATTO 488 at 1:100 for 60 min at RT. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5000 for 60min RT, 5min RT. Localization: Cell Membrane, Nucleus. Magnification: 60X.



Immunocytochemistry/Immunofluorescence: alpha-2C Adrenergic R/ADRA2C Antibody (S330A-80) [NBP2-22397] - Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-Alpha-2C Adrenergic Receptor Monoclonal Antibody, Clone S330A-80 (NBP2-22397). Tissue: Neuroblastoma cell line (SK-N-BE). Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Mouse Anti-Alpha-2C Adrenergic Receptor Monoclonal Antibody (NBP2-22397) at 1:100 for 60 min at RT. Secondary Antibody: Goat Anti-Mouse ATTO 488 at 1:100 for 60 min at RT. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5000 for 60min RT, 5min RT. Localization: Cell Membrane, Nucleus. Magnification: 60X. (A) DAPI (blue) nuclear stain. (B) Phalloidin Texas Red F-Actin stain. (C) Alpha-2C Adrenergic Receptor Antibody. (D) Composite.





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Products Related to NBP2-22397

| | |
|------------------|--|
| 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] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1) |

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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