

Product Datasheet

alpha-2C Adrenergic R/ADRA2C Antibody (S330A-80) 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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Updated 10/23/2024 v.20.1

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NBP2-22397

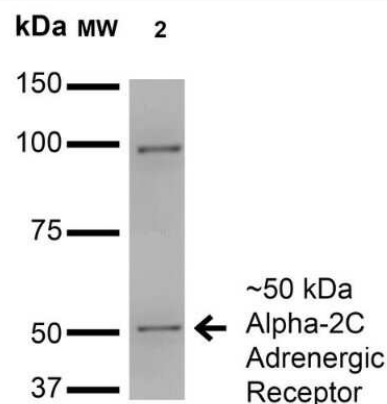
alpha-2C Adrenergic R/ADRA2C Antibody (S330A-80)

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	
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.

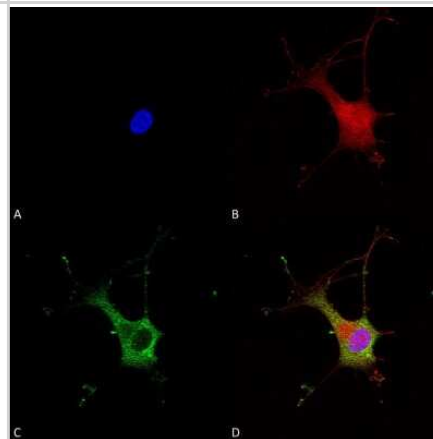


Images

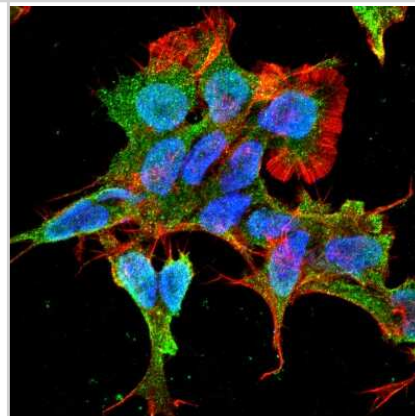
Western Blot: alpha-2C Adrenergic R/ADRA2C Antibody (S330A-80) [NBP2-22397] - Western Blot analysis of Monkey COS cells transfected with HA-tagged Alpha-2C showing detection of ~50 kDa Alpha-2C Adrenergic Receptor protein using Mouse Anti-Alpha-2C Adrenergic Receptor Monoclonal Antibody, Clone S330A-80 (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.



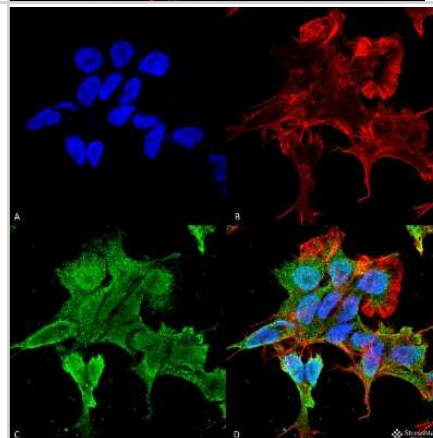
Immunocytochemistry/Immunofluorescence: alpha-2C Adrenergic R/ADRA2C Antibody (S330A-80) [NBP2-22397] - Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-Alpha-2C Adrenergic Receptor Monoclonal Antibody, Clone S330A-80 (NBP2-22397). Tissue: Neuroblastoma cells (SH-SY5Y). Species: Human. 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

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)
NBP2-33845PEP	alpha-2C Adrenergic R/ADRA2C Recombinant Protein Antigen

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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