Product Datasheet

MATH2/NEUROD6 Antibody - Azide and BSA Free
NBP2-29865

Unit Size: 0.1 mg

Store at -70C. Avoid freeze-thaw cycles.

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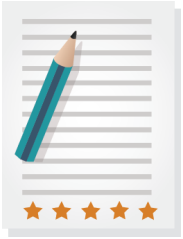


NBP2-29865

MATH2/NEUROD6 Antibody - Azide and BSA Free

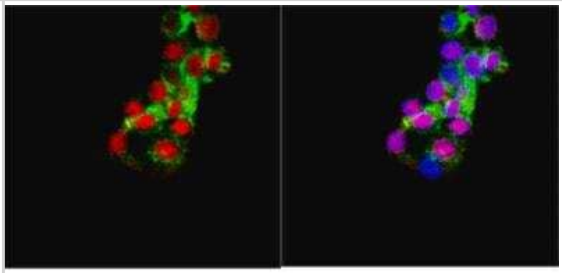
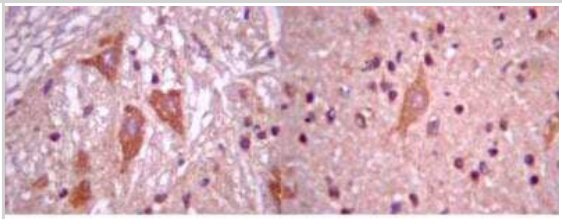
Product Information	
Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -70C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	50% saturated ammonium sulfate and PBS

Product Description	
Description	Relevant Entrez Gene Numbers: NM_022728.2
Host	Rabbit
Gene ID	63974
Gene Symbol	NEUROD6
Species	Human, Mouse
Specificity/Sensitivity	Recognizes NeuroD 6 (MATH2, NEX1), a Helix-loop-helix class of transcription factor.
Immunogen	Synthetic peptide.
Notes	Relevant Entrez Gene Numbers: NM_022728.2

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:200-1:1000, Immunohistochemistry 1:200-1:1000, Immunocytochemistry/ Immunofluorescence 1:200-1:1000, Immunohistochemistry-Paraffin

Application Notes	The rehydrated antibody solutions can be stored undiluted at 2-8C degrees for 2 months without any significant loss of activity. Note, the solution is not sterile, thus care should be taken if product is stored atTo reconstitute the antibody, centrifuge the antibody vial at moderate speed (5,000 rpm) for 5 minutes to pellet the precipitated antibody product. Carefully remove the ammonium sulfate/PBS buffer solution and discard. It is not necessary to remove all of the ammonium sulfate/PBS solution: 10 uL of residual ammonium sulfate solution will not effect the resuspension of the antibody. Do not let the protein pellet dry, as severe loss of antibody reactivity can occur. Resuspend the antibody pellet in any suitable biological buffer, standard PBS or TBS (pH 7.3-7.5) are typical. Volumes required are not critical but it is suggested that the final antibody concentration be between 0.1 mg/mL and 1.0 mg/mL. For example, to achieve a 1 mg/mL concentration with 50 ug of precipitated antibody, the amount of buffer needed would be 50 uL. Carefully add the liquid buffer to the pellet. DO NOT VORTEX. Mix by gentle stirring with a wide pipet tip or gentle finger-tapping. Let the precipitated antibody rehydrate for 1 hour at 4-25C degrees prior to use. Small particles of precipitated antibody that fail to resuspend are normal. Vials are overfilled to compensate for any losses. 2-8C degrees .

Images

Immunocytochemistry/Immunofluorescence: MATH2/NEUROD6 Antibody [NBP2-29865] - Confocal IF analysis of PC12 using anti NeuroD6 Rabbit pAB (Red). Actin filaments have been labeled with Alexa Fluor 488 -Phalloidin (Green). Nuclear is stained with DAPI (Blue).	
Immunohistochemistry: MATH2/NEUROD6 Antibody [NBP2-29865] - Detects NeuroD6 in paraffin embedded rat brain tissue at 1:300 dilution.	

Procedures

Serum protocol for MATH2/NEUROD6 Antibody (NBP2-29865)
Protocol specific for MATH2/NEUROD6 Antibody (NBP2-29865):
To reconstitute the antibody, centrifuge the antibody vial at moderate speed (5,000 rpm) for 5 minutes to pellet the precipitated antibody product. Carefully remove the ammonium sulfate/PBS buffer solution and discard. It is not necessary to remove all of the ammonium sulfate/PBS solution: 10 uL of residual ammonium sulfate solution will not effect the resuspension of the antibody. Do not let the protein pellet dry, as severe loss of antibody reactivity can occur.

Resuspend the antibody pellet in any suitable biological buffer, standard PBS or TBS (pH 7.3-7.5) are typical. Volumes required are not critical but it is suggested that the final antibody concentration be between 0.1 mg/mL and 1.0 mg/mL. For example, to achieve a 1 mg/mL concentration with 50 ug of precipitated antibody, the amount of buffer needed would be 50 uL.

Carefully add the liquid buffer to the pellet. DO NOT VORTEX. Mix by gentle stirring with a wide pipet tip or gentle finger-tapping. Let the precipitated antibody rehydrate for 1 hour at 4-25C degrees prior to use. Small particles of precipitated antibody that fail to resuspend are normal. Vials are overfilled to compensate for any losses.

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Products Related to NBP2-29865

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00063974-Q03-10ug	Recombinant Human MATH2/NEUROD6 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

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