

Product Datasheet

GAD2/GAD65 Antibody (GAD2/1960) - Azide and BSA Free NBP2-79938

Unit Size: 100 ug

Store at -20 to -80C. Avoid freeze-thaw cycles.

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NBP2-79938

GAD2/GAD65 Antibody (GAD2/1960) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	GAD2/1960
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS
Target Molecular Weight	65 kDa

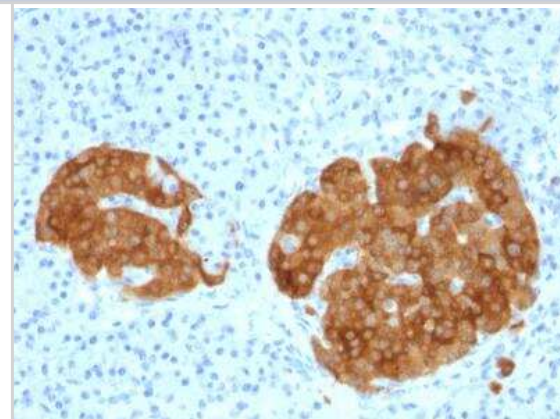
Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-79804). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	2572
Gene Symbol	GAD2
Species	Human
Marker	GABAergic Neuronal Marker
Immunogen	Recombinant human GAD2/GAD65 protein fragment (around aa 6-99) (exact sequence is proprietary) (Uniprot: Q05329)

Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin, Protein Array
Recommended Dilutions	Immunohistochemistry 0.1 - 0.2 ug/mL, Immunohistochemistry-Paraffin 0.1 - 0.2 ug/mL, Protein Array
Application Notes	Immunohistochemistry (Formalin-fixed): 0.1-0.2ug/ml for 30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

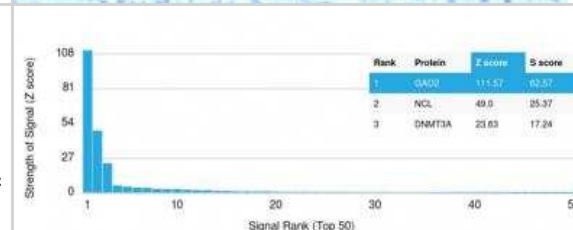


Images

Immunohistochemistry-Paraffin: GAD2/GAD65 Antibody (GAD2/1960) - Azide and BSA Free [NBP2-79938] - Formalin-fixed, paraffin-embedded human Pancreas stained with GAD2 (GAD65) Mouse Monoclonal Antibody (GAD2/1960).



Protein Array: GAD2/GAD65 Antibody (GAD2/1960) - Azide and BSA Free [NBP2-79938] - Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (mAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt™ array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProt™ are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a mAb to its intended target. A mAb is considered to specific to its intended target, if the Monoclonal Antibody has an S-score of at least 2.5. For example, if a mAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that mAb to protein X is equal to 29.





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Products Related to NBP2-79938

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
H00002572-P02-10ug	Recombinant Human GAD2/GAD65 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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