

Product Datasheet

Insulin Antibody (2D11-H5 (same as INS05)) - Azide and BSA Free NBP2-33146

Unit Size: 0.1 mg

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

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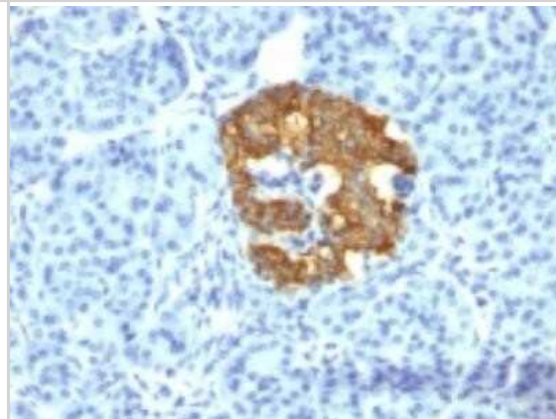
NBP2-33146

Insulin Antibody (2D11-H5 (same as INS05)) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2D11-H5 (same as INS05)
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS
Target Molecular Weight	6 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 (NBP2-15195). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	3630
Gene Symbol	INS
Species	Human, Mouse, Porcine, Bovine
Marker	beta-Cell & Insulinoma Marker
Specificity/Sensitivity	Recognizes a polypeptide which is identified as insulin, a 51-amino acid polypeptide composed of A and B chains connected through the C-peptide. Proinsulin, which has very little biological activity, is cleaved by proteases within its cell of origin into the insulin molecule and the C-terminal basic residue. Insulin enhances membrane transport of glucose, amino acids, and certain ions. It also promotes glycogen storage, formation of triglycerides, and synthesis of proteins and nucleic acids. Deficiency of insulin results in diabetes mellitus. The main storage site for insulin is the pancreatic islets. Antibodies to insulin are important as beta-cell and insulinoma marker.
Immunogen	Purified pig insulin, conjugated to KLH (Uniprot: P01308)
Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Flow Cytometry 0.5-1ug/million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1-2ug/ml, Immunohistochemistry-Paraffin 0.5-1ug/ml, CyTOF-ready
Application Notes	Immunohistochemistry (Formalin-fixed): 0.1-0.2ug/ml for 30 minutes at RT. No special pretreatment is required for staining of formalin/paraffin tissues. Optimal dilution for a specific application should be determined.

Images

Immunohistochemistry-Paraffin: Insulin Antibody (2D11-H5) - Azide and BSA Free [NBP2-33146] - Formalin-fixed, paraffin-embedded human pancreas stained with insulin Monoclonal





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Products Related to NBP2-33146

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP1-87485PEP	Insulin 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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