

Product Datasheet

Insulin Antibody (IRDN/794) - IHC-Prediluted NBP2-48242

Unit Size: 7 ml

Store at 4C.

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Updated 10/23/2024 v.20.1

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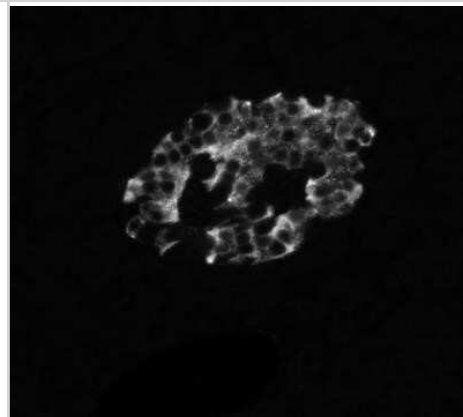


NBP2-48242**Insulin Antibody (IRDN/794) - IHC-Prediluted**

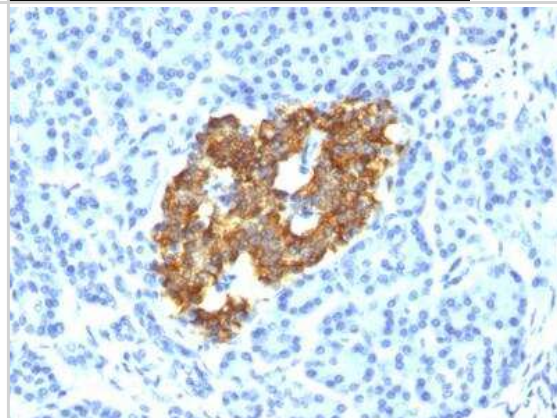
Product Information	
Unit Size	7 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C.
Clonality	Monoclonal
Clone	IRDN/794
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	6 kDa
Product Description	
Description	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining.
Host	Mouse
Gene ID	3630
Gene Symbol	INS
Species	Human, Mouse, Rat, 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	Recombinant Insulin protein (Uniprot: P01308)
Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes 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

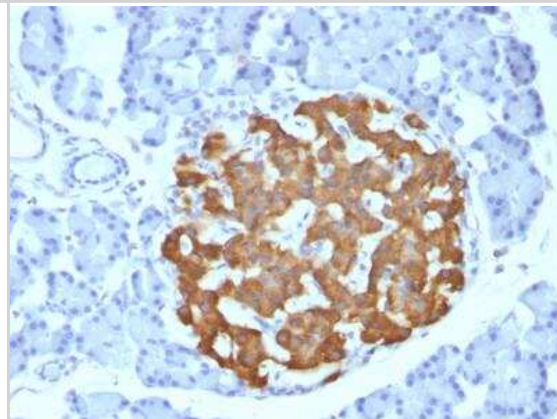
Immunohistochemistry-Paraffin: Insulin Antibody (IRDN/794) - IHC-Prediluted [NBP2-48242] - Insulin IRDN/794 antibody on human pancreas (FFPE), HIER pH 9 antigen retrieval. Image from verified customer review.



Immunohistochemistry-Paraffin: Insulin Antibody (IRDN/794) - IHC-Prediluted [NBP2-48242] - Formalin-fixed, paraffin-embedded human Pancreas stained with Insulin Mouse Monoclonal Antibody (IRDN/794).



Immunohistochemistry-Paraffin: Insulin Antibody (IRDN/794) - IHC-Prediluted [NBP2-48242] - Formalin-fixed, paraffin-embedded Rat Pancreas stained with Insulin Mouse Monoclonal Antibody (IRDN/794).





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Products Related to NBP2-48242

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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