

Product Datasheet

Insulin Antibody (IRDN/805) - IHC-Prediluted NBP2-48273

Unit Size: 7 ml

Store at 4C.

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NBP2-48273**Insulin Antibody (IRDN/805) - IHC-Prediluted**

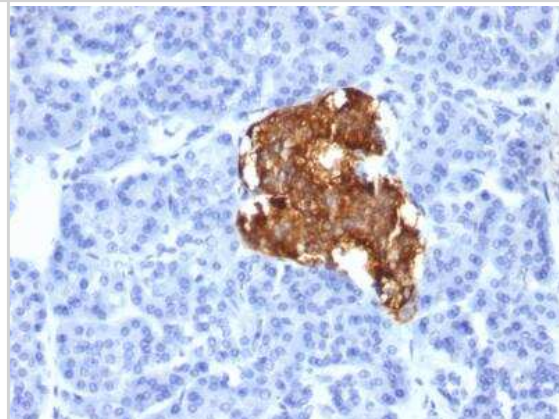
| Product Information | |
|--------------------------------|---|
| Unit Size | 7 ml |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C. |
| Clonality | Monoclonal |
| Clone | IRDN/805 |
| Preservative | 0.05% Sodium 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, Porcine, Bovine, Rabbit, Rat (Negative) |
| Reactivity Notes | Does not react with Rat. |
| 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. 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 (IRDN/805) - IHC-Prediluted [NBP2-48273] - Human pancreas stained with Insulin Monoclonal Antibody (IRDN/805).





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Products Related to NBP2-48273

| | |
|------------------|---|
| 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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