

# Product Datasheet

## Pancreatic Cell Marker Antibody Pack NBP3-20186

Unit Size: 9 Vials

Storage is content dependent.

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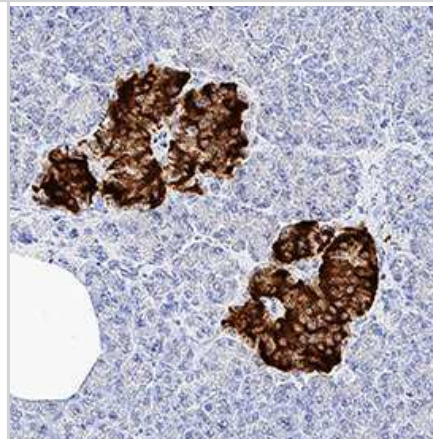
**NBP3-20186****Pancreatic Cell Marker Antibody Pack**

<b>Product Information</b>	
<b>Unit Size</b>	9 Vials
<b>Concentration</b>	Concentration of individual antibodies may be found on the vial label. If unlisted please contact technical services.
<b>Storage</b>	Storage is content dependent.
<b>Product Description</b>	
<b>Description</b>	This pack contains 1 vial each of: MAB1417-SP (0.025 mg), MAB1249-SP (0.025 mg), NBP1-18951SS (0.025 mL), NBP1-18953SS (0.025 mL), NBP1-18950SS (0.025 mL), NBP1-49672SS (0.025 mL), NL007, NL013 and NL004..
<b>Species</b>	Human
<b>Reactivity Notes</b>	Antibodies in this pack are validated for use in the following species: MAB1417: Bovine, Human, Mouse MAB1249: Human, Mouse NBP1-18951: Human NBP1-18953: Human NBP1-18950: Human NBP1-49672: Human, Mouse, Rat NL007: Mouse NL013: Rat NL004: Rabbit
<b>Immunogen</b>	See individual datasheets
<b>Kit Components</b>	MAB1417-SP, MAB1249-SP, NBP1-18951SS, NBP1-18953SS, NBP1-18950SS, NBP1-49672SS, NL007: Donkey anti-Mouse IgG Secondary Antibody [NL557], NL013: Goat anti-Rat IgG Secondary Antibody [NL557], NL004: Donkey anti-Rabbit IgG Secondary Antibody [NL557]
<b>Product Application Details</b>	
<b>Applications</b>	Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence
<b>Application Notes</b>	Antibodies in this pack are validated for the following applications:  MAB1417: CyTOF-ready, Immunocytochemistry, Immunohistochemistry, Intracellular Staining by Flow Cytometry MAB1249: CyTOF-ready, Immunocytochemistry, Intracellular Staining by Flow Cytometry NBP1-18951: Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen NBP1-18953: Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Western Blot NBP1-18950: Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Western Blot NBP1-49672: Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, In vitro assay, Simple Western, Western Blot NL007: Flow Cytometry, Immunocytochemistry, Immunohistochemistry NL013: Flow Cytometry, Immunocytochemistry, Immunohistochemistry NL004: Flow Cytometry, Immunocytochemistry, Immunohistochemistry



## Images

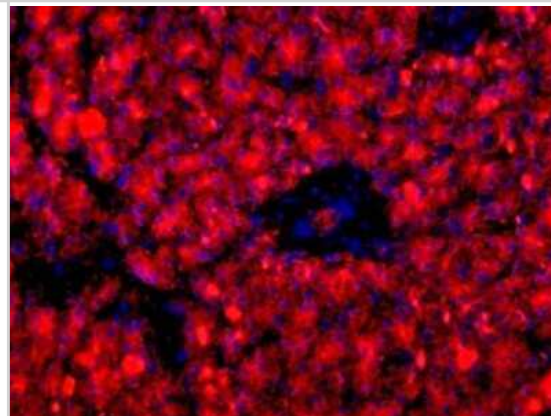
**Immunohistochemistry-Paraffin: Pancreatic Cell Marker Antibody Pack [NBP3-20186]** - Insulin was detected in immersion fixed paraffin-embedded sections of human pancreas using Rat Anti-Human/Mouse/Bovine Insulin Monoclonal Antibody (Catalog # MAB1417) at 0.5 µg/mL for 1 hour at room temperature followed by incubation with the Anti-Rat IgG VisUCyte™ HRP Polymer Antibody (VC005). Before incubation with the primary antibody, tissue was subjected to heat-induced epitope retrieval using Antigen Retrieval Reagent-Basic (CTS013). Tissue was stained using DAB (brown) and counterstained with hematoxylin (blue). Specific staining was localized to cytoplasm and plasma membrane in islet cells. Staining was performed using our protocol for IHC Staining with VisUCyte HRP Polymer Detection Reagents.



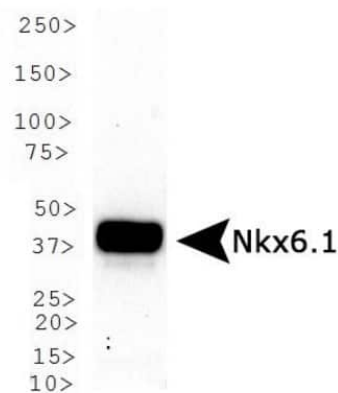
**Immunocytochemistry/Immunofluorescence: Pancreatic Cell Marker Antibody Pack [NBP3-20186]** - Glucagon was detected in immersion fixed beta TC-6 mouse beta cell insulinoma cell line using 10 µg/mL Human/Mouse Glucagon Monoclonal Antibody (Catalog # MAB1249) for 3 hours at room temperature. Cells were stained with the NorthernLights™ 557-conjugated Anti-Mouse IgG Secondary Antibody (red; Catalog # NL007) and counterstained with DAPI (blue). View our protocol for Fluorescent ICC Staining of Cells on Coverslips.



**Immunocytochemistry/Immunofluorescence: Pancreatic Cell Marker Antibody Pack [NBP3-20186]** - Immunofluorescence on frozen section of human pancreas using HPx1 Antibody (HIC0-3B3) [NBP1-18951].



**Western Blot: Pancreatic Cell Marker Antibody Pack [NBP3-20186]** - Analysis of Nkx6.1 in human skeletal muscle using NKX6.1 Antibody [NBP1-49672].





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Antibody Packs are guaranteed for 1 year from date of receipt.

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