

# Product Datasheet

## HPI3 Antibody (HIC1-7H10)

### NBP1-18947

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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**NBP1-18947**

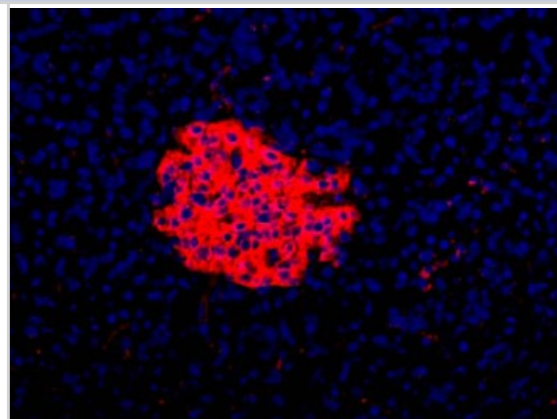
HPi3 Antibody (HIC1-7H10)

| <b>Product Information</b>         |  |
|------------------------------------|--|
| <b>Unit Size</b>                   | 0.1 ml   |
| <b>Concentration</b>               | This product is unpurified. The exact concentration of antibody is not quantifiable.   |
| <b>Storage</b>                     | Store at 4C. Do not freeze.  |
| <b>Clonality</b>                   | Monoclonal   |
| <b>Clone</b>                       | HIC1-7H10  |
| <b>Preservative</b>                | 0.09% Sodium Azide   |
| <b>Isotype</b>                     | IgG1   |
| <b>Purity</b>                      | Tissue culture supernatant   |
| <b>Buffer</b>                      | No buffer  |
| <b>Product Description</b>         |  |
| <b>Host</b>                        | Mouse  |
| <b>Species</b>                     | Human  |
| <b>Reactivity Notes</b>            | Human.   |
| <b>Marker</b>                      | Endocrine pan-islet cell Marker  |
| <b>Specificity/Sensitivity</b>     | Specific for multiple endocrine cell types.  |
| <b>Immunogen</b>                   | Human pancreatic enriched islet cells containing low levels of exocrine and ductal cells.  |
| <b>Notes</b>                       | The estimated concentration for this antibody is 1.0 mg/ml.  |
| <b>Product Application Details</b> |  |
| <b>Applications</b>                | Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen  |
| <b>Recommended Dilutions</b>       | Flow Cytometry 1:50-1:100, Immunohistochemistry 1:100, Immunocytochemistry/Immunofluorescence 1:10-1:500, Immunohistochemistry-Frozen 1:100                    |
| <b>Application Notes</b>           | This HPi3 (HIC1-7H10) antibody is useful for Immunohistochemistry on acetone fixed frozen sections, Immunocytochemistry/Immunofluorescence and Flow cytometry. |

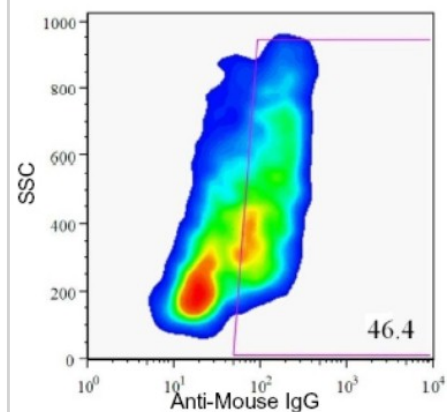


## Images

Immunocytochemistry/Immunofluorescence: HPi3 Antibody (HIC1-7H10) [NBP1-18947] - Immunofluorescence on frozen section of human pancreas.



Flow Cytometry: HPi3 Antibody (HIC1-7H10) [NBP1-18947] - Analysis of enzyme dispersed human pancreas cells.



## Publications

Korytnikov R, Nostro MC. Generation of polyhormonal and multipotent pancreatic progenitor lineages from human pluripotent stem cells. *Methods*. 2015 Oct 27 [PMID: 26515645]

Nostro MC, Sarangi F, Ogawa S et al. Pancreatic differentiation 2008 [PMID: 23658992]

Nostro MC, Sarangi F, Ogawa S, Holtzinger A, Corneo B, Li X, Micallef SJ, Park IH, Basford C, Wheeler MB, Daley GQ, Elefanty AG, Stanley EG, Keller G. Stage-specific signaling through TGFbeta family members and WNT regulates patterning and pancreatic specification of human pluripotent stem cells. *Development*;138(5):861-71. 2011 Mar. [PMID: 21270052] (FLOW , Human)

Dorrell et al. Isolation of major pancreatic cell types and long-term culture-initiating cells using novel human surface markers. *Stem Cell Res*;1(3):183-94. 2008 Sep. [PMID: 19383399] (IHC-Fr, FLOW, Human)



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### Products Related to NBP1-18947

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|             |  |
|-------------|--|
| HAF007      | Goat anti-Mouse IgG Secondary Antibody [HRP (Horseradish Peroxidase)]  |
| NB720-B     | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] (Pre-adsorbed) |
| NBP1-97005  | Mouse IgG1 Isotype Control (MG1)                                       |
| NBP1-18947G | HPi3 Antibody (HIC1-7H10) [DyLight 488]                                |

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### 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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