

# Product Datasheet

## HPi1 Antibody (HIC0-4F9)

**NBP1-18872**

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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**NBP1-18872**

HPi1 Antibody (HIC0-4F9)

**Product Information**

<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>	HIC0-4F9
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Tissue culture supernatant
<b>Buffer</b>	Tissue culture supernatant

**Product Description**

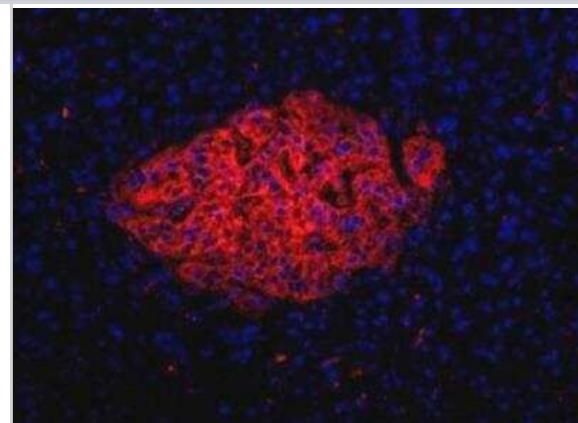
<b>Host</b>	Mouse
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Mouse reactivity reported in scientific literature (PMID: 26515645).
<b>Marker</b>	Endocrine pan-islet cell Marker
<b>Specificity/Sensitivity</b>	Specific for multiple endocrine cell types.
<b>Immunogen</b>	Human pancreatic enriched islet cells containing low levels of exocrine and ductal cells.

**Product Application Details**

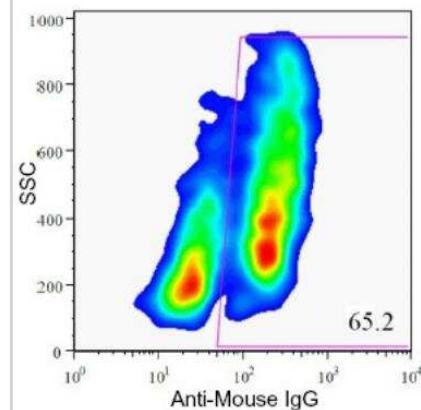
<b>Applications</b>	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
<b>Recommended Dilutions</b>	Flow Cytometry 1:50-1:100. Use reported in scientific literature (PMID 29514095), Immunohistochemistry 1:100, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Frozen 1:100

## Images

Immunocytochemistry/Immunofluorescence: HPi1 Antibody (HIC0-4F9) [NBP1-18872] - Frozen section of human pancreas.



Flow Cytometry: HPi1 Antibody (HIC0-4F9) [NBP1-18872] - Analysis of enzyme dispersed human pancreas cells.



## Publications

Rizk AA, Dybala MP, Rodriguez KC et al. Pancreatic regional blood flow links the endocrine and exocrine diseases. The Journal of clinical investigation 2023-06-20 [PMID: 37338995] (IHC, Rabbit, Human, Monkey, Mouse, Ferret, Porcine)

Brissova M, Haliyur R, Saunders D et al. alpha Cell Function and Gene Expression Are Compromised in Type 1 Diabetes. Cell Rep. 2018-03-06 [PMID: 29514095] (FLOW)

Korytnikov R, Nostro MC. Generation of polyhormonal and multipotent pancreatic progenitor lineages from human pluripotent stem cells. Methods. 2015-10-27 [PMID: 26515645]

Dorrell, et al. Isolation of major pancreatic cell types long-term culture-initiating cells using novel human surface markers. Stem Cell Rsch 1(3):183-194. 2008-01-01 [PMID: 19383399] (IHC-Fr, FLOW, Human)



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## Products Related to NBP1-18872

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-18872B	HPi1 Antibody (HIC0-4F9) [Biotin]

## 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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