

# Product Datasheet

## HPx1 Antibody (HIC0-3B3) - BSA Free NBP1-18951

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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### Publications: 11

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**NBP1-18951**

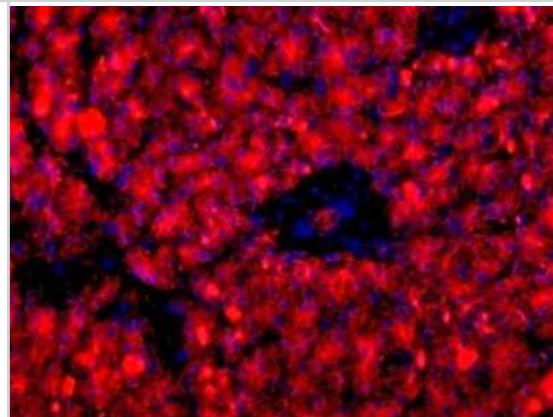
HPx1 Antibody (HIC0-3B3) - BSA Free

<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>	HIC0-3B3
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Tissue culture supernatant
<b>Buffer</b>	Tissue culture supernatant
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse HPx1 Antibody (HIC0-3B3) - BSA Free (NBP1-18951) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. Anti-HPx1 Antibody: Cited in 11 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Species</b>	Human
<b>Marker</b>	Exocrine cell Marker
<b>Specificity/Sensitivity</b>	Specific for exocrine cell types.
<b>Immunogen</b>	Human pancreatic enriched exocrine cells
<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 HPx1 (HIC0-3B3) antibody is useful for Immunohistochemistry on acetone fixed frozen sections, Immunocytochemistry/Immunofluorescence and Flow cytometry.

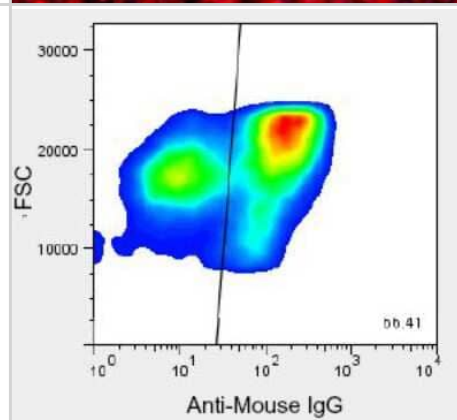


## Images

Immunocytochemistry/Immunofluorescence: HPx1 Antibody (HIC0-3B3) [NBP1-18951] - Immunofluorescence on frozen section of human pancreas.



Flow Cytometry: HPx1 Antibody (HIC0-3B3) [NBP1-18951] - Analysis of enzyme dispersed human pancreas cells.



## Publications

Ma H, Jeppesen JF, Jaenisch R. Et al. Human T Cells Expressing a CD19 CAR-T Receptor Provide Insights into Mechanisms of Human CD19-Positive b Cell Destruction Cell Rep Med 2020-11-18 [PMID: 33205073]

### Details:

Citation using the DyLight 488 version of this antibody.

Camunas-Soler, J, Dai, X Q Et al. Patch-Seq Links Single-Cell Transcriptomes to Human Islet Dysfunction in Diabetes. Cell Metab 2020-05-05 [PMID: 32302527] (WB, Human)

Arda H, Tsai J, Rosli Y et al A Chromatin Basis for Cell Lineage and Disease Risk in the Human Pancreas Cell Syst 2018-08-27 [PMID: 30145115] (FLOW, Human)

### Details:

Citation using the DyLight 488 version of this antibody.

Cogger KF, Sinha A, Sarangi F et al. Glycoprotein 2 is a specific cell surface marker of human pancreatic progenitors Nat Commun 2017-08-24 [PMID: 28835709] (FLOW, Human)

Jakel C, Bergmann F, Toth R et al. Genome-wide genetic and epigenetic analyses of pancreatic acinar cell carcinomas reveal aberrations in genome stability Nat Commun. 2017-11-06 [PMID: 29109526] (Human)

Enge M, Arda HE, Mignardi M et al. Single-Cell Analysis of Human Pancreas Reveals Transcriptional Signatures of Aging and Somatic Mutation Patterns. Autophagy. 2017-05-04 [PMID: 28965763] (Human)

### Details:

Citation used the DyLight 650 format of this antibody.

Arda HE, Li L, Tsai J, et al. Age-Dependent Pancreatic Gene Regulation Reveals Mechanisms Governing Human beta Cell Function. Cell Press. 2016-05-10 [PMID: 27133132] (FLOW, Human)

Nostro MC, Sarangi F, Ogawa S et al. Pancreatic differentiation 2008-01-01 [PMID: 23658992]

Dorrell C, Schug J, Lin C et al. Transcriptomes of the major human pancreatic cell types. Diabetologia. 2011-01-01 [PMID: 21882062]

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. 2011-03-01 [PMID: 21270052] (FLOW, Human)

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] (FLOW, IHC-Fr, Human)





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### **Products Related to NBP1-18951**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-18951G	HPx1 Antibody (HIC0-3B3) [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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