

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

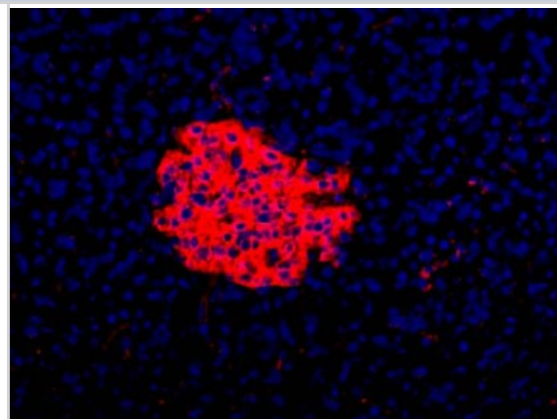
HPi3 Antibody (HIC1-7H10)

Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	HIC1-7H10
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Tissue culture supernatant
Buffer	Tissue culture supernatant
Product Description	
Host	Mouse
Species	Human
Reactivity Notes	Human.
Marker	Endocrine pan-islet cell Marker
Specificity/Sensitivity	Specific for multiple endocrine cell types.
Immunogen	Human pancreatic enriched islet cells containing low levels of exocrine and ductal cells.
Notes	The estimated concentration for this antibody is 1.0 mg/ml.
Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Flow Cytometry 1:50-1:100, Immunohistochemistry 1:100, Immunocytochemistry/Immunofluorescence 1:10-1:500, Immunohistochemistry-Frozen 1:100
Application Notes	This HPi3 (HIC1-7H10) antibody is useful for Immunohistochemistry on acetone fixed frozen sections, Immunocytochemistry/Immunofluorescence and Flow cytometry.

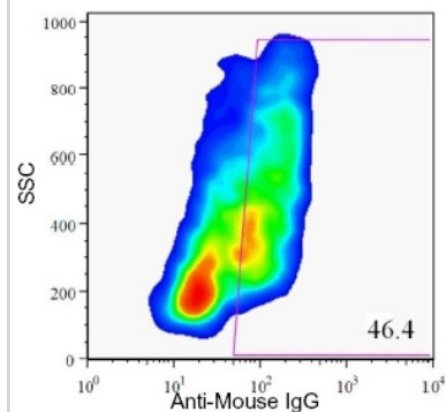


Images

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

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

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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