

Product Datasheet

HPa3 Antibody (HIC3-2D12)

NBP3-18520

Unit Size: 0.1 mg

Store at 4°C.

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Publications: 1

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NBP3-18520

HPa3 Antibody (HIC3-2D12)

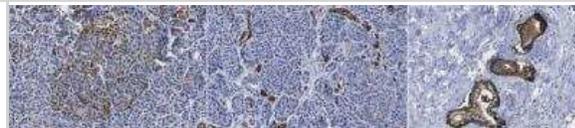
Product Information	
Unit Size	0.1 mg
Concentration	2 mg/ml
Storage	Store at 4°C.
Clonality	Monoclonal
Clone	HIC3-2D12
Preservative	0.09% Sodium Azide
Isotype	IgM
Purity	Ion exchange chromatography
Buffer	PBS

Product Description	
Host	Mouse
Species	Human
Specificity/Sensitivity	This HPa3 antibody does not label beta cells, labels delta cells dimly, and brightly labels alpha, gamma, and epsilon cells in human pancreatic islets.
Immunogen	Human pancreatic islets enriched in non-beta endocrine cells.

Product Application Details	
Applications	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Flow Cytometry, Immunohistochemistry 1:50, Immunohistochemistry-Paraffin 1:50
Application Notes	This HPa3 (HIC3-2D12) antibody is useful for Immunohistochemistry on paraffin embedded tissue sections and Flow cytometry (PMID 27399229).

Images

Immunohistochemistry-Paraffin: HPa3 Antibody (HIC3-2D12) [NBP3-18520] - Formalin Fixed Paraffin Embedded (FFPE) human pancreatic tissue sections were prepared using heat-induced epitope retrieval (HIER). Immunostaining was performed using a 1:50 dilution of Cat. No. MABS1998, Anti-HPa3, clone HIC3-2D12. Reactivity was detected using an Rabbit Anti-Mouse and DAB. Cytoplasmic/membranous staining in islets of human pancreas (Left image). membranous staining in intercalated ducts (Middle image), as well as intralobular ducts of human pancreas (Right image) tissues was observed.

**Publications**

Dorrell C, Schug J, Canaday P et al. Human islets contain four distinct subtypes of beta cells Nat Commun 2016-07-11 [PMID: 27399229] (FLOW, Human)



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Products Related to NBP3-18520

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-62224	Mouse IgM Isotype Control (PFR-03)

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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