Product Datasheet

HPa3 Antibody (HIC3-2D12) - BSA Free
NBP3-18520

Unit Size: 0.1 mg

Store at 4°C.

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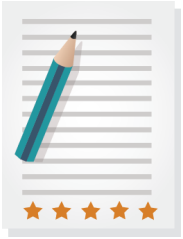
Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP3-18520

Updated 9/9/2025 v.20.1



NBP3-18520

HPa3 Antibody (HIC3-2D12) - BSA Free

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

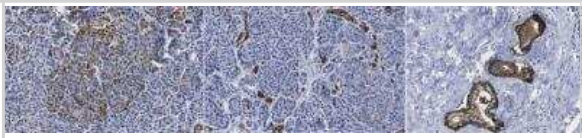
Description	Novus Biologicals Mouse HPa3 Antibody (HIC3-2D12) - BSA Free (NBP3-18520) is a monoclonal antibody validated for use in IHC and Flow. Anti-HPa3 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Species	Human
Specificity/Sensitivity	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 endocine cells.

Product Application Details

Applications	Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry
Recommended Dilutions	Flow Cytometry reported in scientific literature (PMID 27399229), Immunohistochemistry 1:50, Immunohistochemistry-Paraffin 1:50. Use reported in scientific literature (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]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97007	Mouse IgM Isotype Control

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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