

Product Datasheet

HPi2 Antibody (HIC1-2B4.2B) [Alexa Fluor® 405] NBP1-18946AF405

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP1-18946AF405

HPi2 Antibody (HIC1-2B4.2B) [Alexa Fluor® 405]

Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	HIC1-2B4.2B
Preservative	0.05% Sodium Azide
Isotype	IgG1
Conjugate	Alexa Fluor 405
Purity	Tissue culture supernatant
Buffer	50mM Sodium Borate

Product Description	
Description	This product is provided as conjugated tissue culture supernatant. Due to the crude preparation of the antibody material, excess dye may remain in the final product. We highly recommend taking necessary precautions, such as adding additional wash steps and running proper controls.
Host	Mouse
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 26515645).
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	Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com . This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.

Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen



Application Notes

Optimal dilution of this antibody should be experimentally determined.

Publications

Marquez-Curtis LA, Dai XQ, Hang Y et al. Cryopreservation and post-thaw characterization of dissociated human islet cells PloS one 2022-01-26 [PMID: 35081145]

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)





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Products Related to NBP1-18946AF405

NBP1-97005AF405	Mouse IgG1 Isotype Control (MG1) [Alexa Fluor® 405]
NBP1-18946AF488	HPi2 Antibody (HIC1-2B4.2B) [Alexa Fluor® 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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