

Product Datasheet

Natriuretic Peptide Receptor C Antibody (OTI4C3) - Azide and BSA Free NBP2-72881

Unit Size: 100 ug

Store at -20C. Avoid freeze-thaw cycles.

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NBP2-72881

Natriuretic Peptide Receptor C Antibody (OTI4C3) - Azide and BSA Free

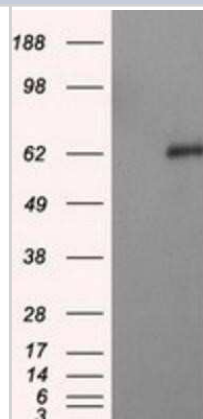
| Product Information | |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size | 100 ug |
| Concentration | LYOPH mg/ml |
| Storage | Store at -20C. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | OTI4C3 |
| Preservative | No Preservative |
| Reconstitution Instructions | Reconstitute with PBS (pH 7.3). To use this carrier-free antibody for conjugation experiments, another round of desalting is highly recommended. |
| Isotype | IgG2b |
| Purity | Immunogen affinity purified |
| Buffer | Lyophilized from PBS (pH 7.3) with 8% Trehalose |
| Target Molecular Weight | 59.8 kDa |

| Product Description | |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host | Mouse |
| Gene ID | 4883 |
| Gene Symbol | NPR3 |
| Species | Human, Mouse, Rat |
| Reactivity Notes | Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions. |
| Immunogen | Full length human recombinant protein of human NPR3 (NP_000899) produced in HEK293T cell. |

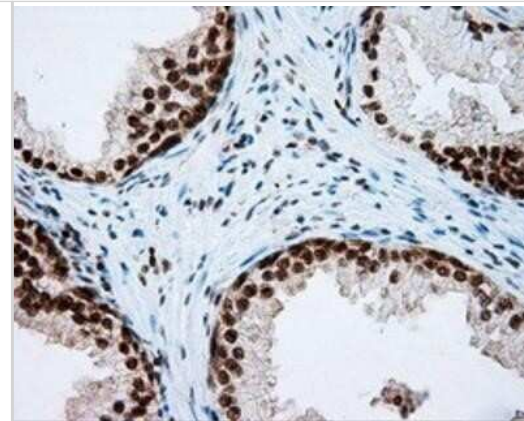
| Product Application Details | |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Applications | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready |
| Recommended Dilutions | Western Blot 1:2000, Flow Cytometry 1:100, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:100, CyTOF-ready |

Images

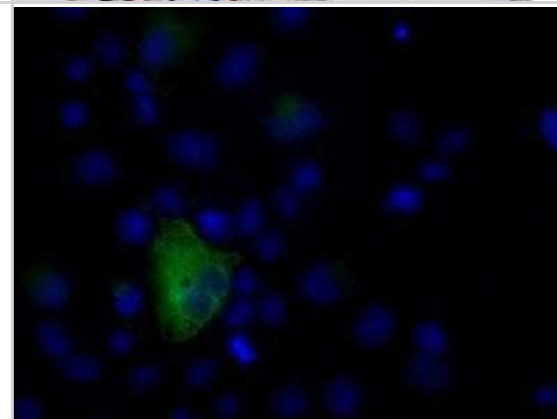
Western Blot: Natriuretic Peptide Receptor C Antibody (OTI4C3) - Azide and BSA Free [NBP2-72881] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Natriuretic Peptide Receptor C (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted w



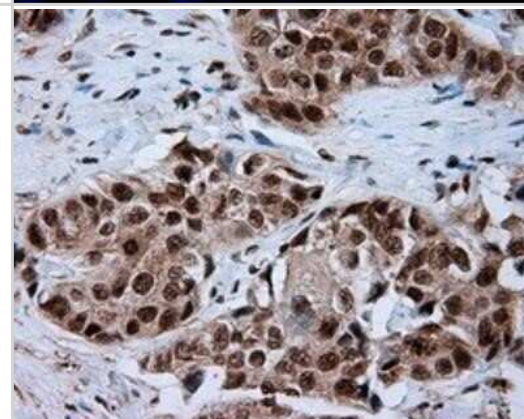
Immunohistochemistry: Natriuretic Peptide Receptor C Antibody (OTI4C3) - Azide and BSA Free [NBP2-72881] - Staining of paraffin-embedded prostate tissue using anti-RC219453 mouse monoclonal antibody.



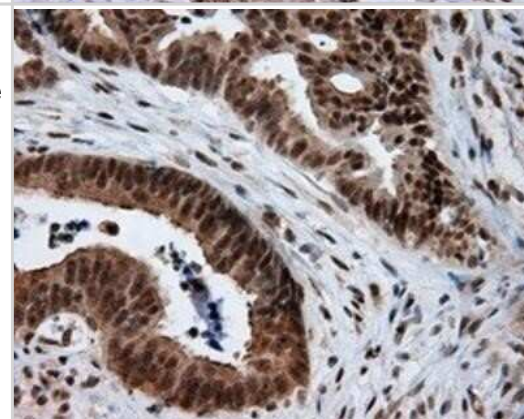
Flow Cytometry: Natriuretic Peptide Receptor C Antibody (OTI4C3) - Azide and BSA Free [NBP2-72881] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY Natriuretic Peptide Receptor C.



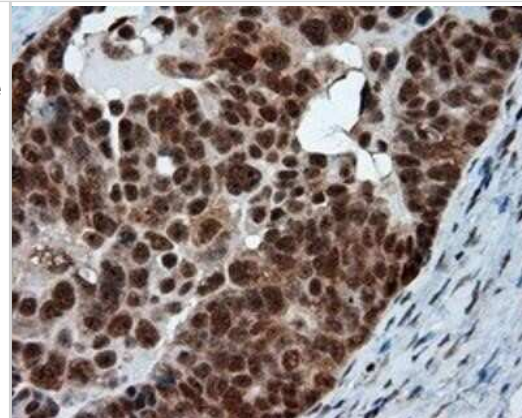
Immunohistochemistry: Natriuretic Peptide Receptor C Antibody (OTI4C3) - Azide and BSA Free [NBP2-72881] - Staining of paraffin-embedded Adenocarcinoma of breast tissue using anti-RC219453 mouse monoclonal antibody.



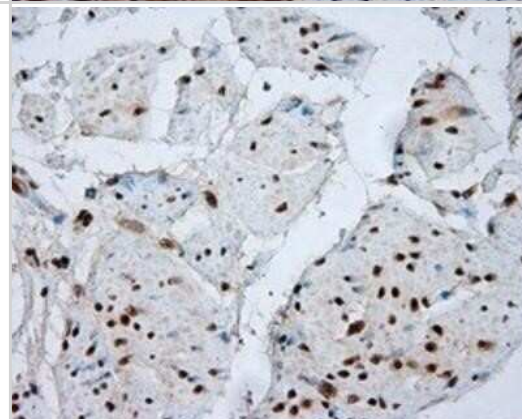
Immunohistochemistry: Natriuretic Peptide Receptor C Antibody (OTI4C3) - Azide and BSA Free [NBP2-72881] - Staining of paraffin-embedded Adenocarcinoma of colon tissue using anti-RC219453 mouse monoclonal antibody.



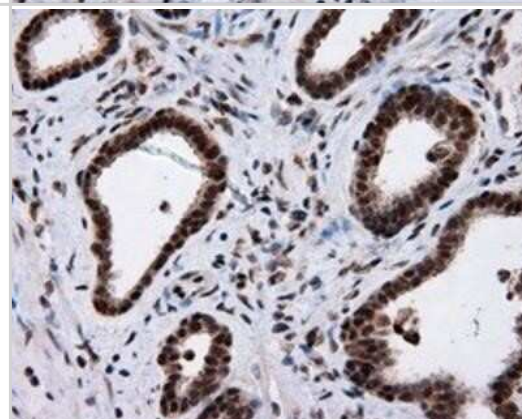
Immunohistochemistry: Natriuretic Peptide Receptor C Antibody (OTI4C3) - Azide and BSA Free [NBP2-72881] - Staining of paraffin-embedded Adenocarcinoma of ovary tissue using anti-RC219453 mouse monoclonal antibody.



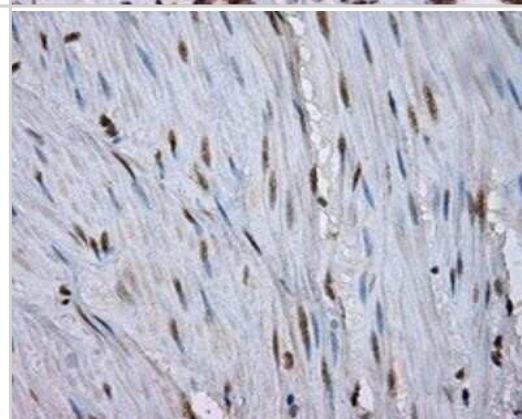
Immunohistochemistry: Natriuretic Peptide Receptor C Antibody (OTI4C3) - Azide and BSA Free [NBP2-72881] - Staining of paraffin-embedded bladder tissue using anti-RC219453 mouse monoclonal antibody.



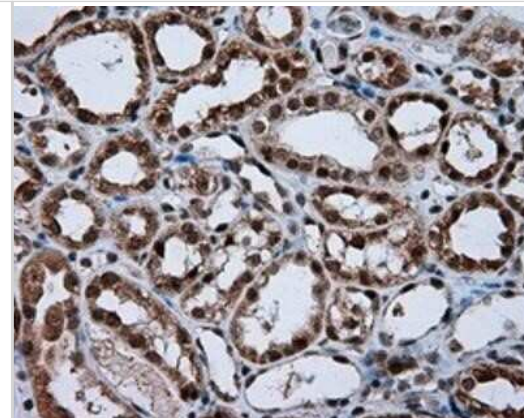
Immunohistochemistry: Natriuretic Peptide Receptor C Antibody (OTI4C3) - Azide and BSA Free [NBP2-72881] - Staining of paraffin-embedded Carcinoma of prostate tissue using anti-RC219453 mouse monoclonal antibody.



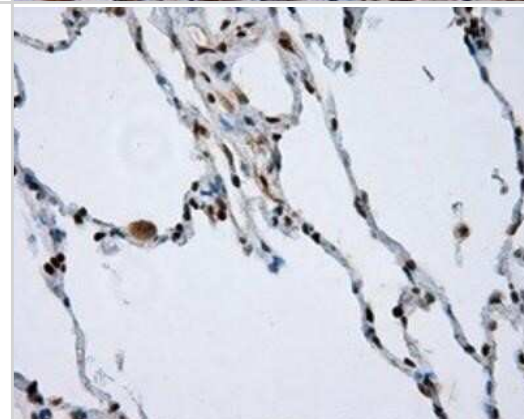
Immunohistochemistry: Natriuretic Peptide Receptor C Antibody (OTI4C3) - Azide and BSA Free [NBP2-72881] - Staining of paraffin-embedded colon tissue using anti-RC219453 mouse monoclonal antibody.



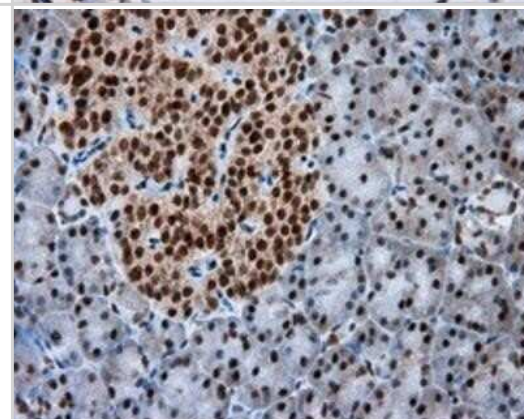
Immunohistochemistry: Natriuretic Peptide Receptor C Antibody (OTI4C3) - Azide and BSA Free [NBP2-72881] - Staining of paraffin-embedded Kidney tissue using anti-RC219453 mouse monoclonal antibody.



Immunohistochemistry: Natriuretic Peptide Receptor C Antibody (OTI4C3) - Azide and BSA Free [NBP2-72881] - Staining of paraffin-embedded lung tissue using anti-RC219453 mouse monoclonal antibody.



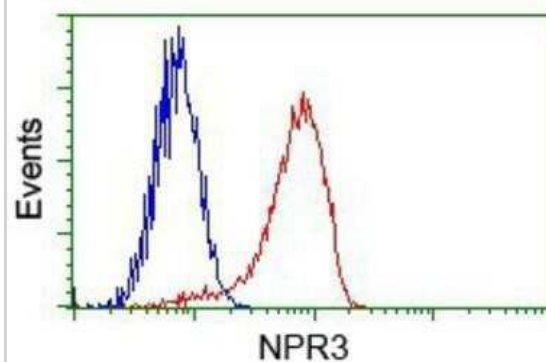
Immunohistochemistry: Natriuretic Peptide Receptor C Antibody (OTI4C3) - Azide and BSA Free [NBP2-72881] - Staining of paraffin-embedded pancreas tissue using anti-RC219453 mouse monoclonal antibody.



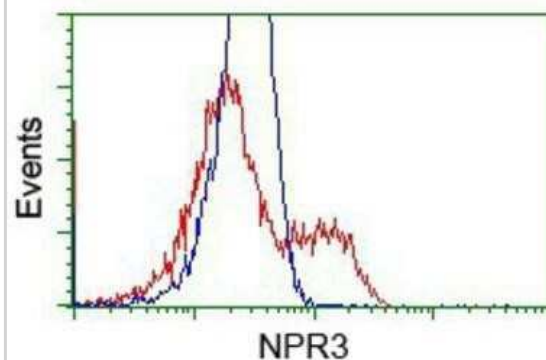
Immunohistochemistry: Natriuretic Peptide Receptor C Antibody (OTI4C3) - Azide and BSA Free [NBP2-72881] - Staining of paraffin-embedded thyroid tissue using anti-RC219453 mouse monoclonal antibody.



Flow Cytometry: Natriuretic Peptide Receptor C Antibody (OTI4C3) - Azide and BSA Free [NBP2-72881] - Analysis of Jurkat cells, using anti-Natriuretic Peptide Receptor C antibody, (Red) compared to a nonspecific negative control antibody (Blue).



Flow Cytometry: Natriuretic Peptide Receptor C Antibody (OTI4C3) - Azide and BSA Free [NBP2-72881] - HEK293T cells transfected with either pCMV6-ENTRY Natriuretic Peptide Receptor C.(Red) or empty vector control plasmid (Blue) were immunostaining with anti-Natriuretic Peptide Receptor C mouse monoclonal, and then analyzed by flow cytometry.



Publications

Sun M, Chen Z, Song Y Et al. PLXND1-mediated calcium dyshomeostasis impairs endocardial endothelial autophagy in atrial fibrillation Front Physiol 2022-08-26 [PMID: 36017337] (FLOW, Mouse)

Details:

Citation using the Azide and BSA Free version of this antibody.



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-72881

| | |
|--------------|---------------------------------------------------------|
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB720-B | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP2-27231 | Mouse IgG2b Isotype Control (MPC-11) |
| 10187-NR-050 | Natriuretic Peptide Receptor C [Unconjugated] |

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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