

Product Datasheet

Natriuretic Peptide Receptor C Antibody (OTI4C3) NBP2-02401

Unit Size: 0.1 ml

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

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NBP2-02401**Natriuretic Peptide Receptor C Antibody (OTI4C3)**

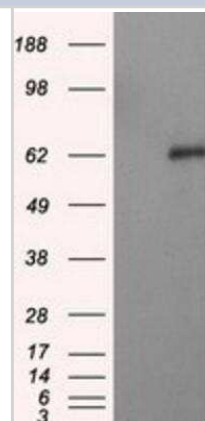
Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI4C3
Preservative	0.02% Sodium Azide
Isotype	IgG2b
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
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.

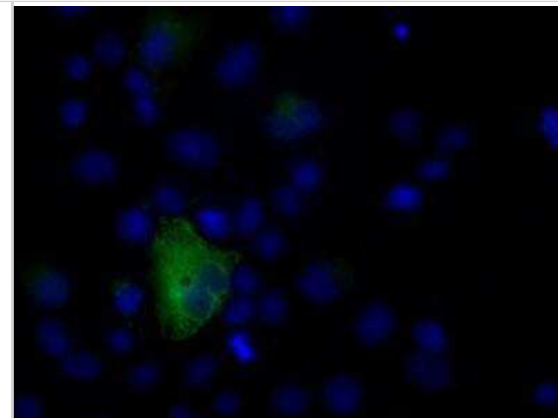
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:2000, Flow Cytometry 1:100, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:100,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

Images

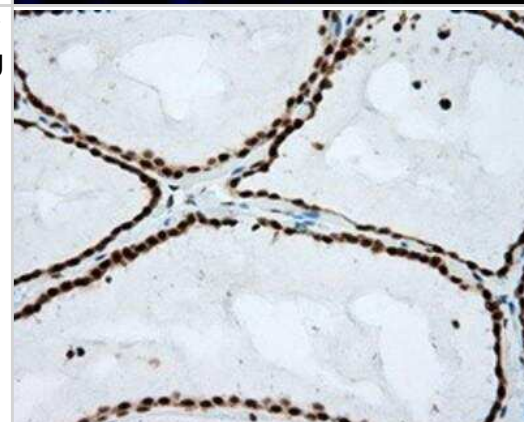
Western Blot: Natriuretic Peptide Receptor C Antibody (4C3) [NBP2-02401] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Natriuretic Peptide Receptor C (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-Natriuretic Peptide Receptor C.



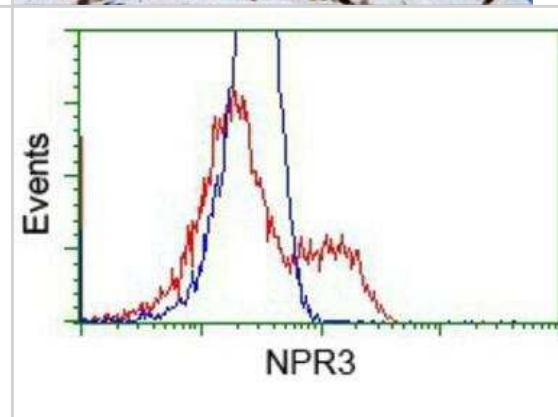
Immunocytochemistry/Immunofluorescence: Natriuretic Peptide Receptor C Antibody (OTI4C3) [NBP2-02401] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY Natriuretic Peptide Receptor C.



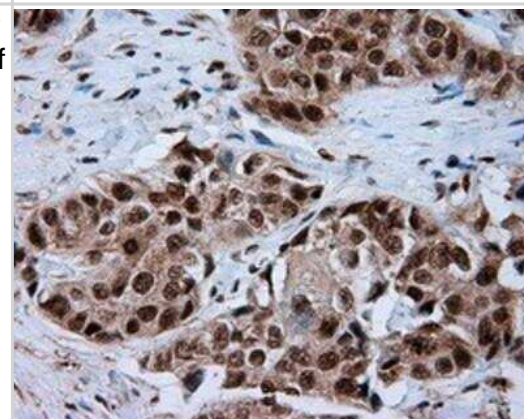
Immunohistochemistry-Paraffin: Natriuretic Peptide Receptor C Antibody (4C3) [NBP2-02401] - Staining of paraffin-embedded thyroid tissue using anti-RC219453 mouse monoclonal antibody.



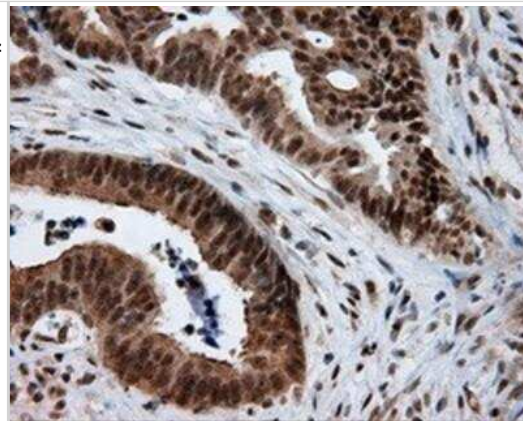
Flow Cytometry: Natriuretic Peptide Receptor C Antibody (4C3) [NBP2-02401] - HEK293T cells transfected with either pCMV6-ENTRY Natriuretic Peptide Receptor C.(Red) or empty vector control plasmid (Blue) were immunostained with anti-Natriuretic Peptide Receptor C mouse monoclonal, and then analyzed by flow cytometry.



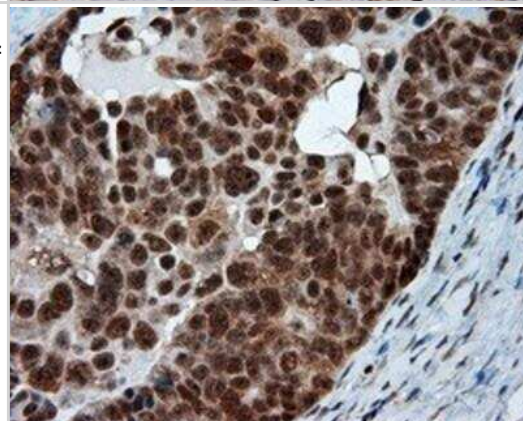
Immunohistochemistry-Paraffin: Natriuretic Peptide Receptor C Antibody (4C3) [NBP2-02401] - Staining of paraffin-embedded Adenocarcinoma of breast tissue using anti-RC219453 mouse monoclonal antibody.



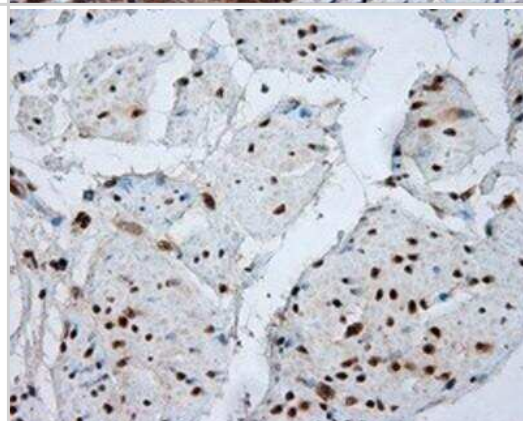
Immunohistochemistry-Paraffin: Natriuretic Peptide Receptor C Antibody (4C3) [NBP2-02401] - Staining of paraffin-embedded Adenocarcinoma of colon tissue using anti-RC219453 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: Natriuretic Peptide Receptor C Antibody (4C3) [NBP2-02401] - Staining of paraffin-embedded Adenocarcinoma of ovary tissue using anti-RC219453 mouse monoclonal antibody.



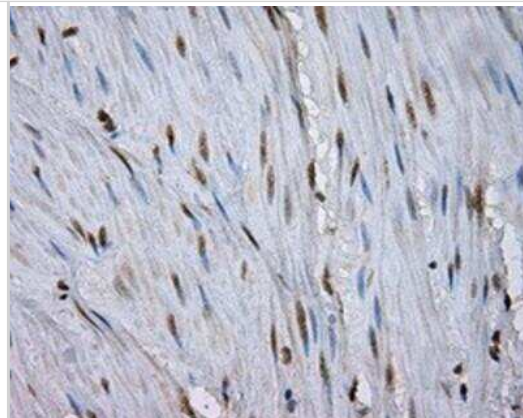
Immunohistochemistry-Paraffin: Natriuretic Peptide Receptor C Antibody (4C3) [NBP2-02401] - Staining of paraffin-embedded bladder tissue using anti-RC219453 mouse monoclonal antibody.



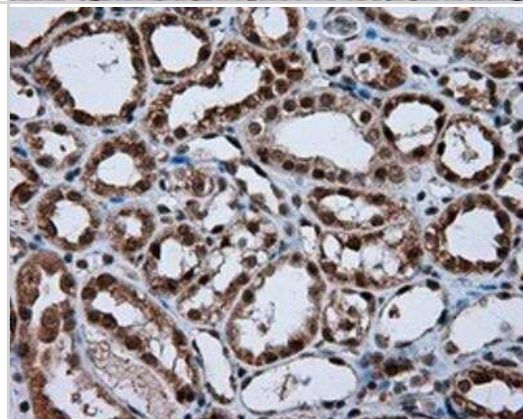
Immunohistochemistry-Paraffin: Natriuretic Peptide Receptor C Antibody (4C3) [NBP2-02401] - Staining of paraffin-embedded Carcinoma of prostate tissue using anti-RC219453 mouse monoclonal antibody.



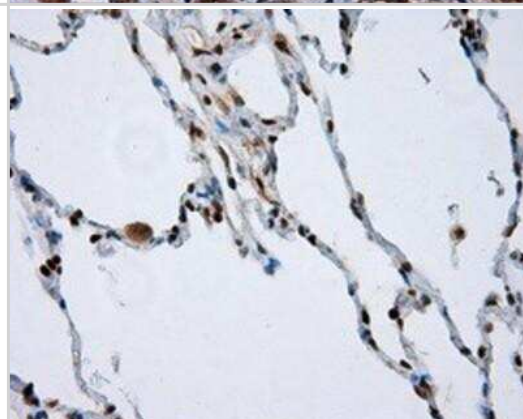
Immunohistochemistry-Paraffin: Natriuretic Peptide Receptor C Antibody (4C3) [NBP2-02401] - Staining of paraffin-embedded colon tissue using anti-RC219453 mouse monoclonal antibody.



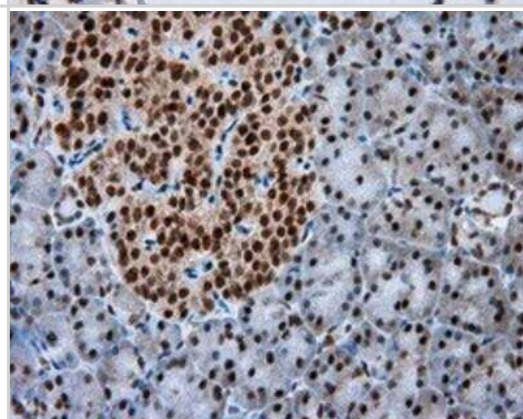
Immunohistochemistry-Paraffin: Natriuretic Peptide Receptor C Antibody (4C3) [NBP2-02401] - Staining of paraffin-embedded Kidney tissue using anti-RC219453 mouse monoclonal antibody.



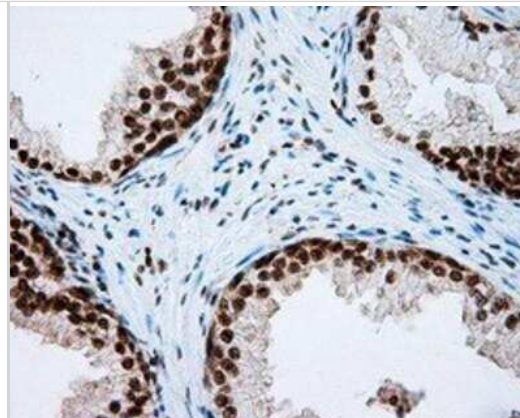
Immunohistochemistry-Paraffin: Natriuretic Peptide Receptor C Antibody (4C3) [NBP2-02401] - Staining of paraffin-embedded lung tissue using anti-RC219453 mouse monoclonal antibody.



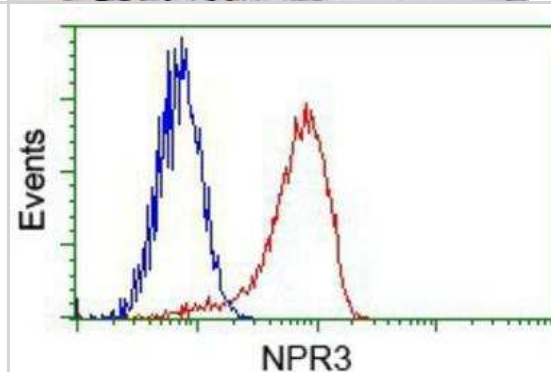
Immunohistochemistry-Paraffin: Natriuretic Peptide Receptor C Antibody (4C3) [NBP2-02401] - Staining of paraffin-embedded pancreas tissue using anti-RC219453 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: Natriuretic Peptide Receptor C Antibody (4C3) [NBP2-02401] - Staining of paraffin-embedded prostate tissue using anti-RC219453 mouse monoclonal antibody.



Flow Cytometry: Natriuretic Peptide Receptor C Antibody (4C3) [NBP2-02401] - Analysis of Jurkat cells, using anti-Natriuretic Peptide Receptor C antibody, (Red) compared to a nonspecific negative control antibody (Blue).



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 NBP2-02401

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

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