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.

Publications: 1

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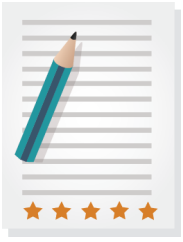
www.novusbio.com/NBP2-72881

Updated 9/9/2025 v.20.1



NBP2-72881

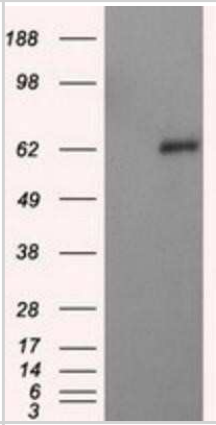
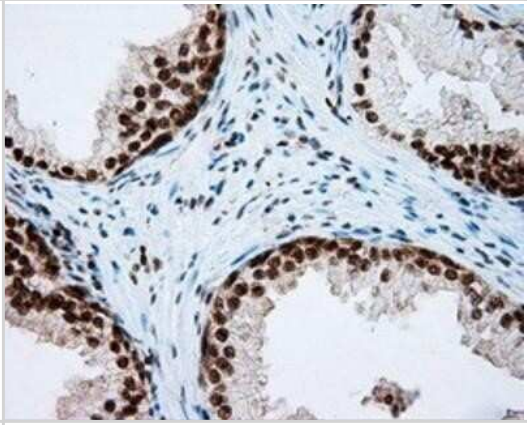
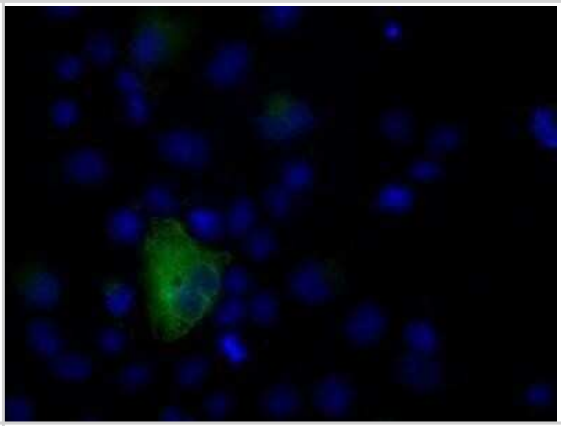
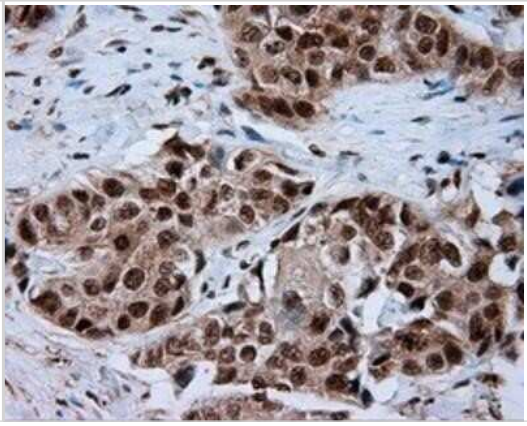
Natriuretic Peptide Receptor C Antibody (OTI4C3) - Azide and BSA Free

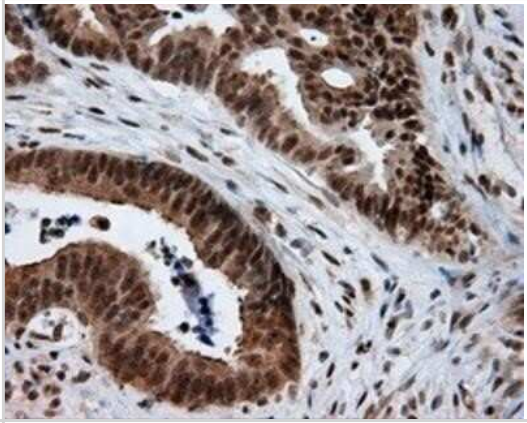
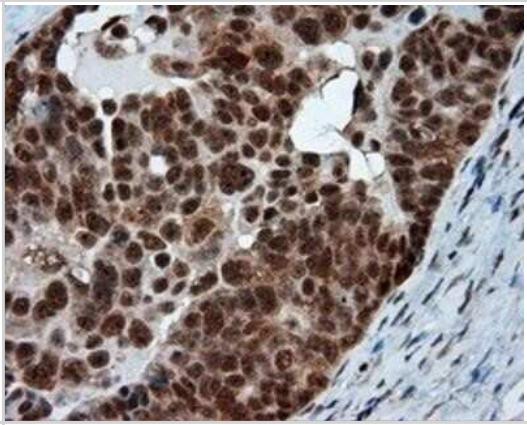
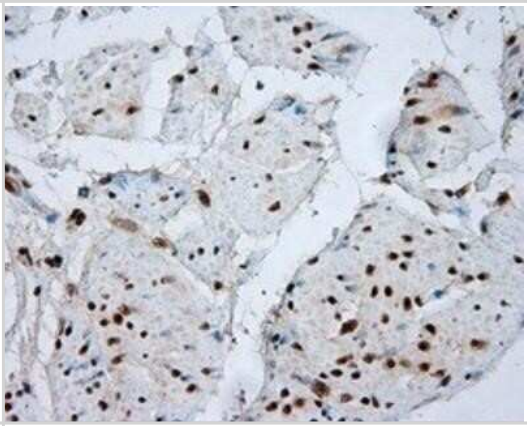
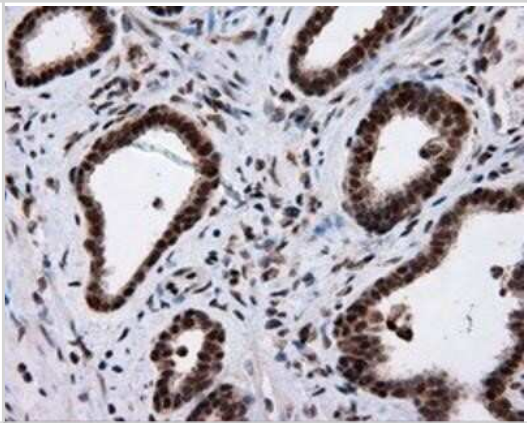
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI4C3
Preservative	No Preservative
Reconstitution Instructions	we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process.
Isotype	IgG2b
Purity	Immunogen affinity purified
Buffer	Lyophilized from PBS (pH 7.3) with 8% Trehalose
Target Molecular Weight	59.8 kDa

Product Description	
Description	Novus Biologicals Mouse Natriuretic Peptide Receptor C Antibody (OTI4C3) - Azide and BSA Free (NBP2-02401) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. Anti-Natriuretic Peptide Receptor C Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
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.

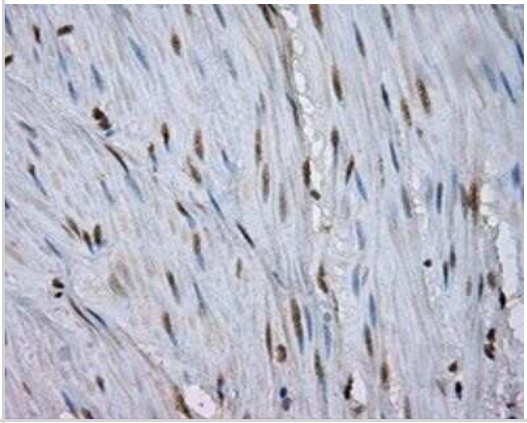
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready
Recommended Dilutions	Western Blot 1:2000, Flow Cytometry 1:100, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence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

Images

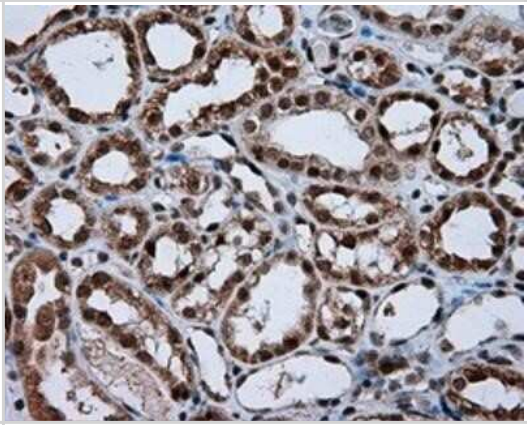
Western Blot: Natriuretic Peptide Receptor C Antibody (OTI4C3) - Azide and BSA Free [NBP2-72881] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Natriuretic Peptide Receptor C (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per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

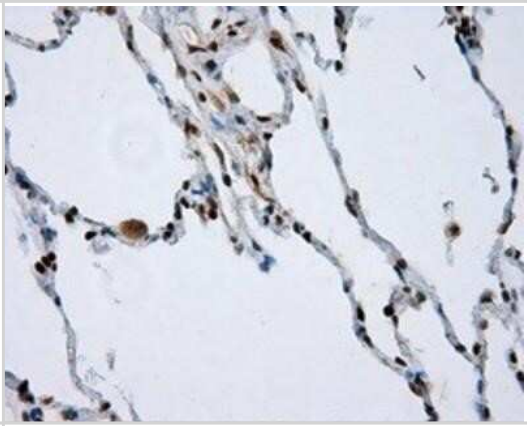
Immunohistochemistry: Natriuretic Peptide Receptor C Antibody (OTI4C3) - Azide and BSA Free [NBP2-72881] - Staining of paraffin-embedded colon tissue using anti-RC219453 mouse monoclonal antibody.



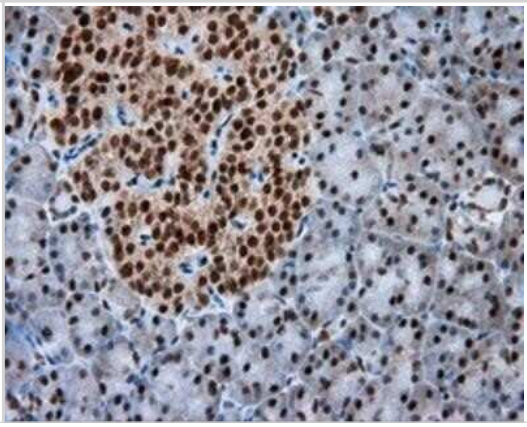
Immunohistochemistry: Natriuretic Peptide Receptor C Antibody (OTI4C3) - Azide and BSA Free [NBP2-72881] - Staining of paraffin-embedded Kidney tissue using anti-RC219453 mouse monoclonal antibody.

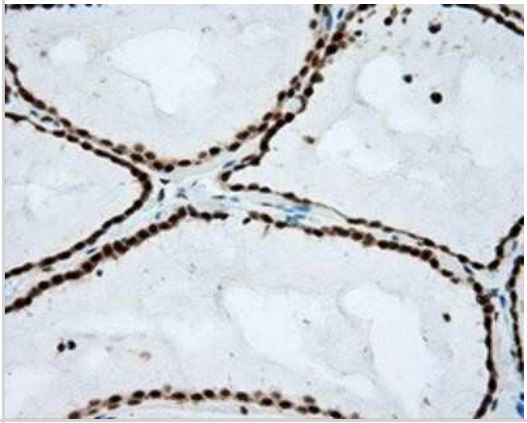
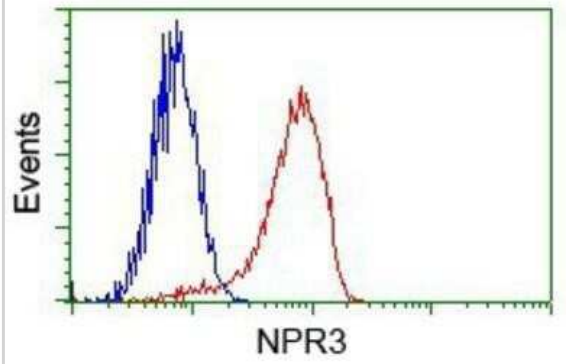
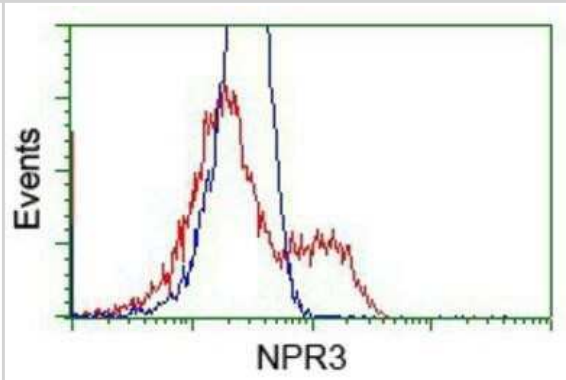


Immunohistochemistry: Natriuretic Peptide Receptor C Antibody (OTI4C3) - Azide and BSA Free [NBP2-72881] - Staining of paraffin-embedded lung tissue using anti-RC219453 mouse monoclonal antibody.



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.

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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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