

Product Datasheet

Kir3.1 Antibody (OTI1G3) - Azide and BSA Free NBP2-71065

Unit Size: 100 ug

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

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NBP2-71065

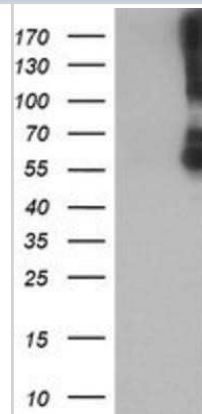
Kir3.1 Antibody (OTI1G3) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI1G3
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	IgG1
Purity	Immunogen affinity purified
Buffer	Lyophilized from PBS (pH 7.3) with 8% Trehalose
Target Molecular Weight	56.4 kDa
Product Description	
Description	Novus Biologicals Mouse Kir3.1 Antibody (OTI1G3) - Azide and BSA Free (NBP2-01702) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	3760
Gene Symbol	KCNJ3
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	Human recombinant protein fragment corresponding to amino acids 279-501 of human KCNJ3(NP_002230) produced in E.coli.
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 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin, CyTOF-ready

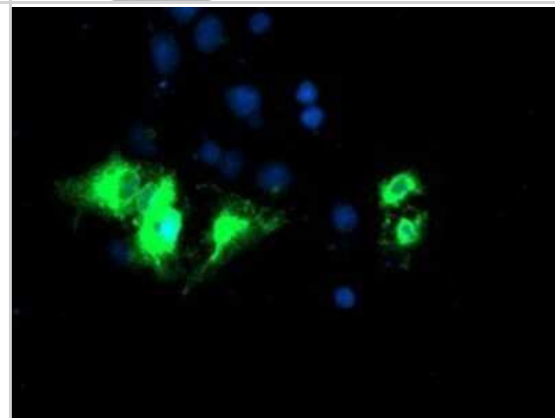


Images

Western Blot: Kir3.1 Antibody (OTI1G3) - Azide and BSA Free [NBP2-71065] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Kir3.1 (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-Kir3.1.



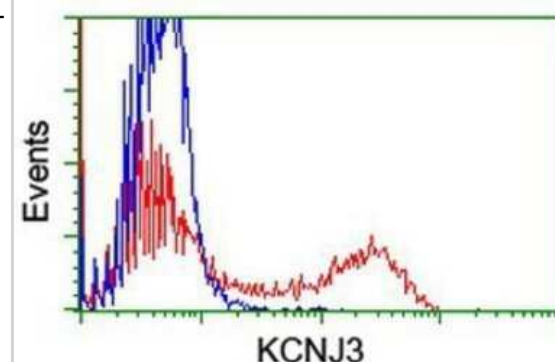
Immunocytochemistry/Immunofluorescence: Kir3.1 Antibody (OTI1G3) - Azide and BSA Free [NBP2-71065] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY Kir3.1.



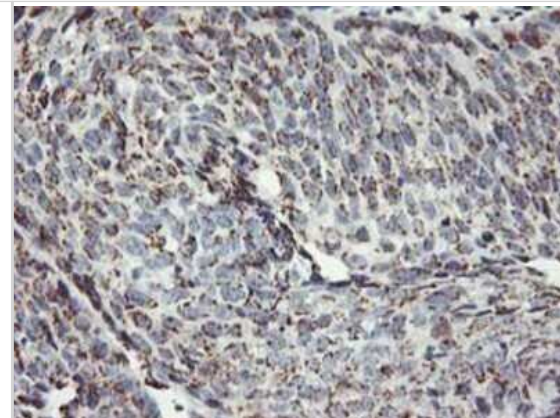
Immunohistochemistry: Kir3.1 Antibody (OTI1G3) - Azide and BSA Free [NBP2-71065] - Staining of paraffin-embedded Human Kidney tissue using anti-Kir3.1 mouse monoclonal antibody.



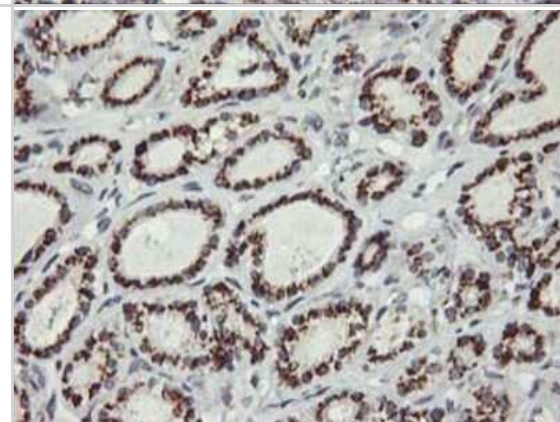
Flow Cytometry: Kir3.1 Antibody (OTI1G3) - Azide and BSA Free [NBP2-71065] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostaining by anti-Kir3.1 antibody, and then analyzed by flow cytometry.



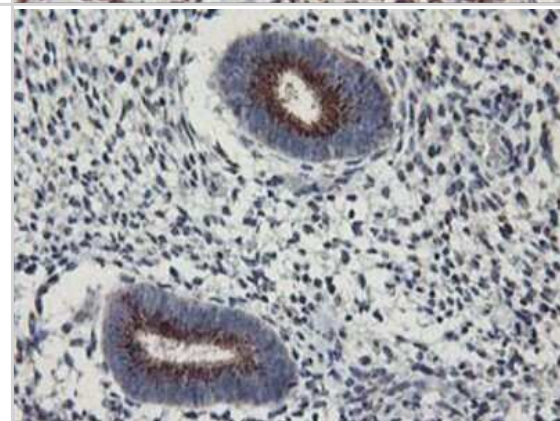
Immunohistochemistry: Kir3.1 Antibody (OTI1G3) - Azide and BSA Free [NBP2-71065] - Staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-Kir3.1 mouse monoclonal antibody.



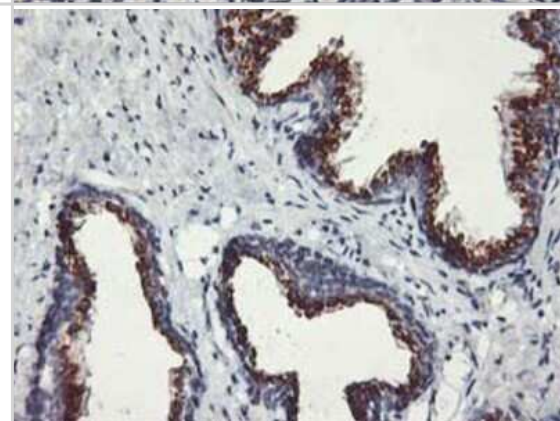
Immunohistochemistry: Kir3.1 Antibody (OTI1G3) - Azide and BSA Free [NBP2-71065] - Staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-Kir3.1 mouse monoclonal antibody.



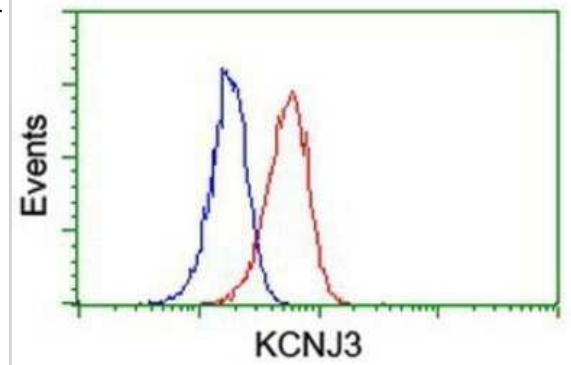
Immunohistochemistry: Kir3.1 Antibody (OTI1G3) - Azide and BSA Free [NBP2-71065] - Staining of paraffin-embedded Human endometrium tissue using anti-Kir3.1 mouse monoclonal antibody.



Immunohistochemistry: Kir3.1 Antibody (OTI1G3) - Azide and BSA Free [NBP2-71065] - Staining of paraffin-embedded Human prostate tissue using anti-Kir3.1 mouse monoclonal antibody.



Flow Cytometry: Kir3.1 Antibody (OTI1G3) - Azide and BSA Free [NBP2-71065] - Analysis of Jurkat cells, using anti-Kir3.1 antibody, (Red), compared to a nonspecific negative control antibody (Blue).





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Products Related to NBP2-71065

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-89770PEP	Kir3.1 Recombinant Protein Antigen

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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