

# Product Datasheet

## RGS16 Antibody (OTI4E5) - Azide and BSA Free NBP2-73881

Unit Size: 100 ug

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

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**NBP2-73881**

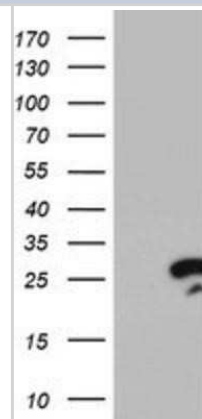
RGS16 Antibody (OTI4E5) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI4E5
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	22.6 kDa
Product Description	
Description	Novus Biologicals Mouse RGS16 Antibody (OTI4E5) - Azide and BSA Free (NBP2-01584) 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	6004
Gene Symbol	RGS16
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 RGS16(NP_002919) produced in HEK293T cell.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready
Recommended Dilutions	Western Blot 1:500-2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin, CyTOF-ready

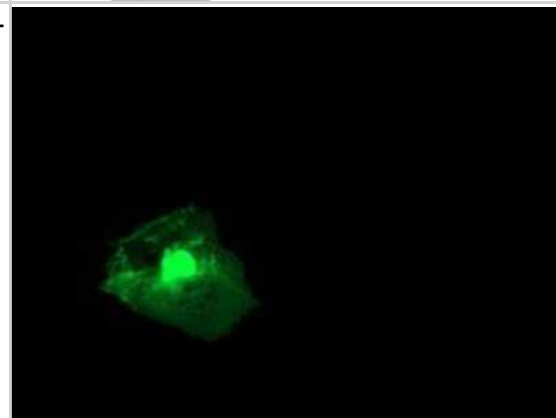


## Images

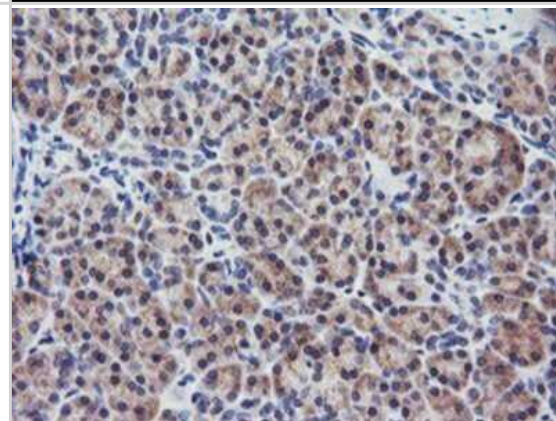
Western Blot: RGS16 Antibody (OTI4E5) - Azide and BSA Free [NBP2-73881] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY RGS16 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-RGS16.



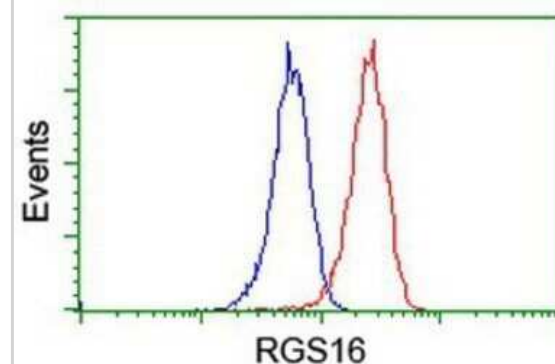
Immunocytochemistry/Immunofluorescence: RGS16 Antibody (OTI4E5) - Azide and BSA Free [NBP2-73881] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY RGS16.



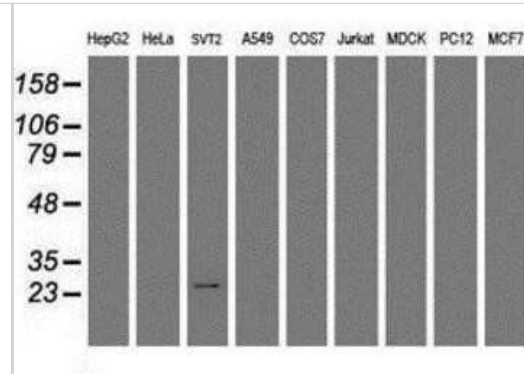
Immunohistochemistry: RGS16 Antibody (OTI4E5) - Azide and BSA Free [NBP2-73881] - Staining of paraffin-embedded Human pancreas tissue using anti-RGS16 mouse monoclonal antibody.



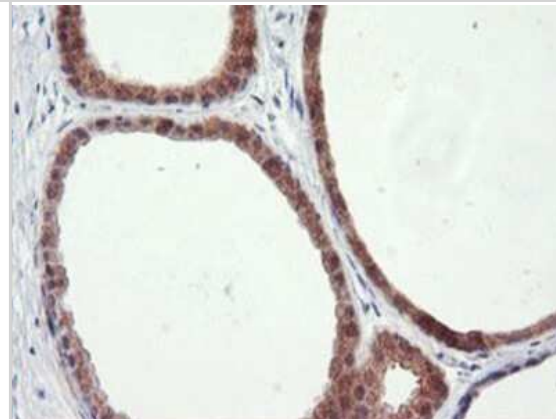
Flow Cytometry: RGS16 Antibody (OTI4E5) - Azide and BSA Free [NBP2-73881] - Analysis of Jurkat cells, using anti-RGS16 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



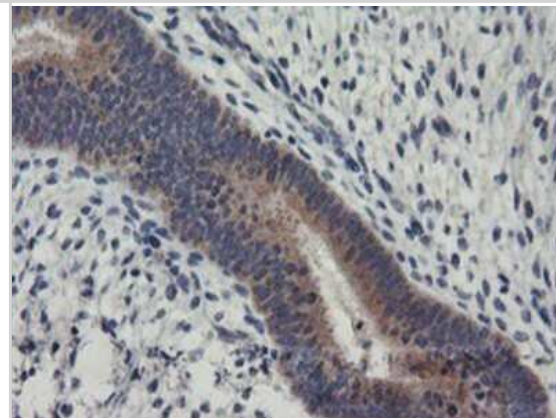
Western Blot: RGS16 Antibody (OTI4E5) - Azide and BSA Free [NBP2-73881] - Analysis of extracts (35ug) from 9 different cell lines by using anti-RGS16 monoclonal antibody.



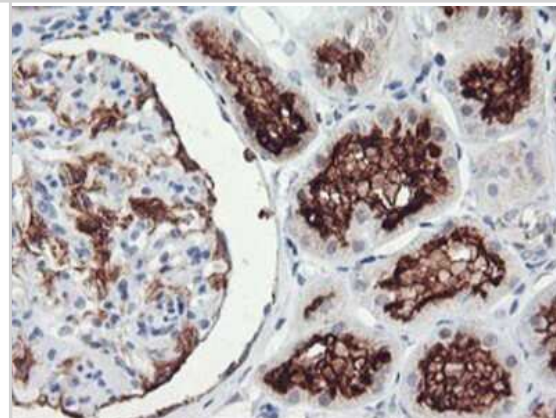
Immunohistochemistry: RGS16 Antibody (OTI4E5) - Azide and BSA Free [NBP2-73881] - Staining of paraffin-embedded Human breast tissue using anti-RGS16 mouse monoclonal antibody.



Immunohistochemistry: RGS16 Antibody (OTI4E5) - Azide and BSA Free [NBP2-73881] - Staining of paraffin-embedded Human endometrium tissue using anti-RGS16 mouse monoclonal antibody.



Immunohistochemistry: RGS16 Antibody (OTI4E5) - Azide and BSA Free [NBP2-73881] - Staining of paraffin-embedded Human Kidney tissue using anti-RGS16 mouse monoclonal antibody.





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### **Products Related to NBP2-73881**

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)
NBP1-41226	Recombinant Human RGS16 His Protein

### **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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