

# Product Datasheet

## RGS5 Antibody (OTI1C1) - Azide and BSA Free NBP2-73887

Unit Size: 100 ug

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

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**NBP2-73887**

RGS5 Antibody (OTI1C1) - 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	OTI1C1
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	IgG1
Purity	Immunogen affinity purified
Buffer	Lyophilized from PBS (pH 7.3) with 8% Trehalose
Target Molecular Weight	20.8 kDa

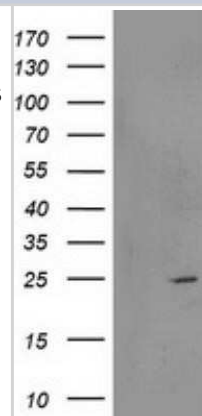
Product Description	
Host	Mouse
Gene ID	8490
Gene Symbol	RGS5
Species	Human, Mouse, Rat
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. 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 RGS5 (NP_003608) produced in HEK293T cell.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Western Blot 1:2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1:150, CyTOF-ready

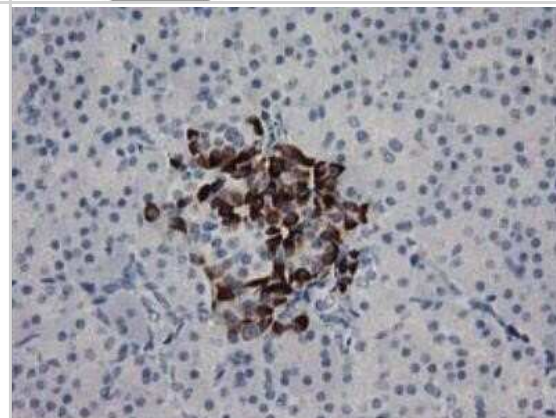


## Images

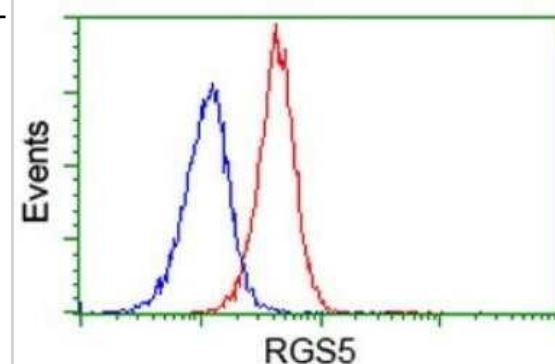
**Western Blot:** RGS5 Antibody (OTI1C1) - Azide and BSA Free [NBP2-73887] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY RGS5 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-RGS5.



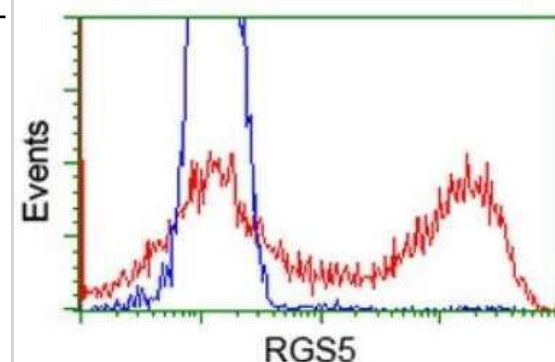
**Immunohistochemistry:** RGS5 Antibody (OTI1C1) - Azide and BSA Free [NBP2-73887] - Staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-RGS5 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100 degrees C for 10min)



**Flow Cytometry:** RGS5 Antibody (OTI1C1) - Azide and BSA Free [NBP2-73887] - Flow cytometric Analysis of Jurkat cells, using anti-RGS5 antibody, (Red), compared to a nonspecific negative control antibody, (Blue).



**Flow Cytometry:** RGS5 Antibody (OTI1C1) - Azide and BSA Free [NBP2-73887] - HEK293T cells transfected with either overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostaining by anti-RGS5 antibody and then analyzed by flow cytometry.





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### **Products Related to NBP2-73887**

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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)
NBP1-72414-100ug	Recombinant Human RGS5 His Protein

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### **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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