

# Product Datasheet

## P2Y1/P2RY1 Antibody (4G5D6) - BSA Free NBP2-61664

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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### Publications: 1

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**NBP2-61664**

P2Y1/P2RY1 Antibody (4G5D6) - BSA Free

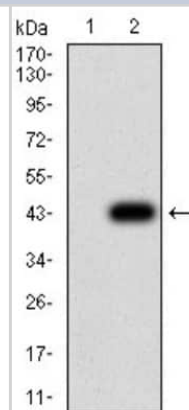
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4G5D6
Preservative	0.05% Sodium Azide
Isotype	IgG2b
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	42 kDa

Product Description	
Description	Novus Biologicals Mouse P2Y1/P2RY1 Antibody (4G5D6) - BSA Free (NBP2-61664) is a monoclonal antibody validated for use in IHC, WB, ELISA and Flow. Anti-P2Y1/P2RY1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	5028
Gene Symbol	P2RY1
Species	Human, Rat
Immunogen	Purified recombinant fragment of human P2Y1/P2RY1 (AA: extra mix) expressed in E. Coli.

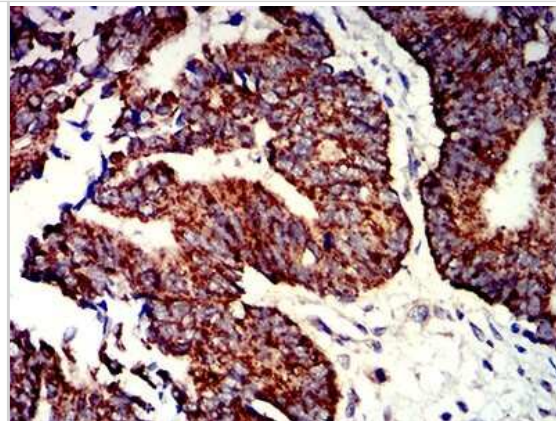
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunohistochemistry
Recommended Dilutions	Western Blot 1:100-1:2000, Flow Cytometry 1:10-1:1000, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:1000, Immunohistochemistry-Paraffin 1:200 - 1:1000

**Images**

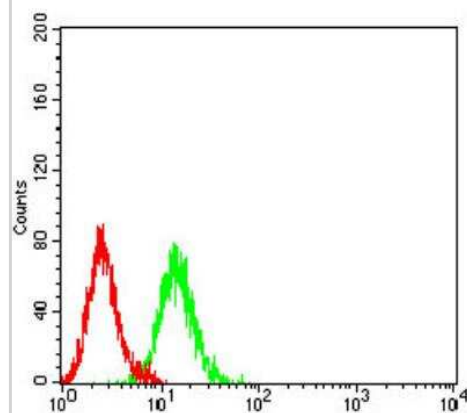
Western Blot: P2Y1/P2RY1 Antibody (4G5D6) [NBP2-61664] - Analysis using P2RY1 mAb against HEK293 (1) and P2RY1 (AA: extra mix)-hlgGfc transfected HEK293 (2) cell lysate.



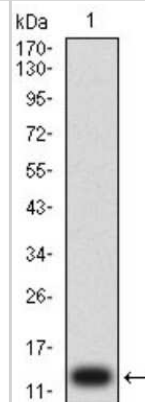
Immunohistochemistry-Paraffin: P2Y1/P2RY1 Antibody (4G5D6) [NBP2-61664] - Analysis of rectum cancer tissues using P2RY1 mouse mAb with DAB staining.



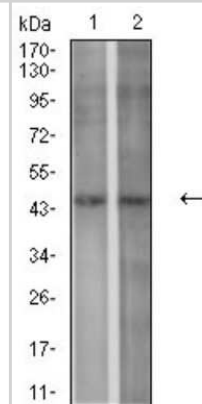
Flow Cytometry: P2Y1/P2RY1 Antibody (4G5D6) [NBP2-61664] - Analysis of K562 cells using P2RY1 mouse mAb (green) and negative control (red).



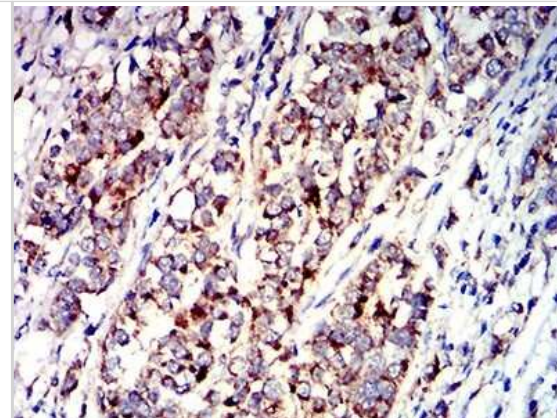
Western Blot: P2Y1/P2RY1 Antibody (4G5D6) [NBP2-61664] - Analysis using P2RY1 mAb against human P2RY1 (AA: extra mix) recombinant protein. (Expected MW is 13 kDa)



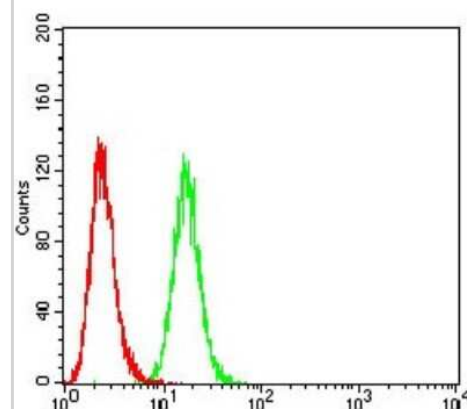
Western Blot: P2Y1/P2RY1 Antibody (4G5D6) [NBP2-61664] - Analysis using P2RY1 mouse mAb against SPC-A-1 (1) and C6 (2) cell lysate.



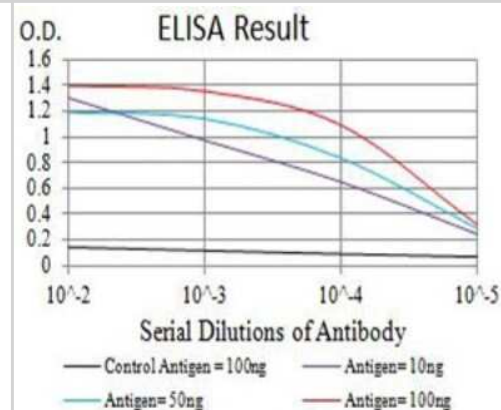
Immunohistochemistry-Paraffin: P2Y1/P2RY1 Antibody (4G5D6) [NBP2-61664] - Analysis of bladder cancer tissues using P2RY1 mouse mAb with DAB staining.



Flow Cytometry: P2Y1/P2RY1 Antibody (4G5D6) [NBP2-61664] - Analysis of Hela cells using P2RY1 mouse mAb (green) and negative control (red).



ELISA: P2Y1/P2RY1 Antibody (4G5D6) [NBP2-61664] - Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



## Publications

Hamada K, Shinozaki Y, Namekata K et al. Loss of P2Y1 receptor triggers glaucoma-like pathology in mice British journal of pharmacology 2021-07-26 [PMID: 34309010]



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### **Products Related to NBP2-61664**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

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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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