

# Product Datasheet

## PKA R2 Antibody (OTI1F8)

### NBP2-02520

Unit Size: 0.1 ml

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

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**NBP2-02520**

PKA R2 Antibody (OT11F8)

| Product Information     |  |
|-------------------------|--|
| Unit Size               | 0.1 ml                                   |
| Concentration           | 0.74 mg/ml                               |
| Storage                 | Store at -20C. Avoid freeze-thaw cycles. |
| Clonality               | Monoclonal                               |
| Clone                   | OT11F8                                   |
| Preservative            | 0.02% Sodium Azide                       |
| Isotype                 | IgG1                                     |
| Purity                  | Immunogen affinity purified              |
| Buffer                  | PBS (pH 7.3), 1.0% BSA and 50% Glycerol  |
| Target Molecular Weight | 45.3 kDa                                 |

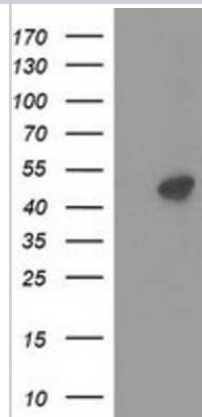
| Product Description |   |
|---------------------|---|
| Description         | Novus Biologicals Mouse PKA R2 Antibody (OT11F8) (NBP2-02520) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.   |
| Host                | Mouse   |
| Gene ID             | 5576  |
| Gene Symbol         | PRKAR2A   |
| 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 PRKAR2A (NP_004148) produced in HEK293T cell.  |

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

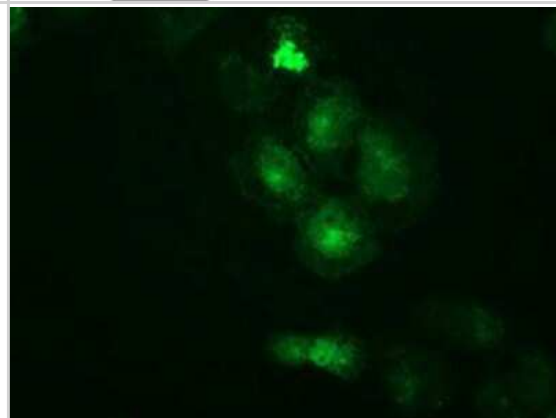


## Images

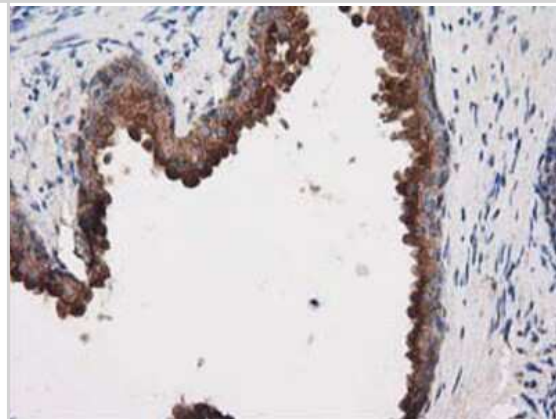
Western Blot: PKA R2 Antibody (1F8) [NBP2-02520] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PKA R2 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PKA R2.



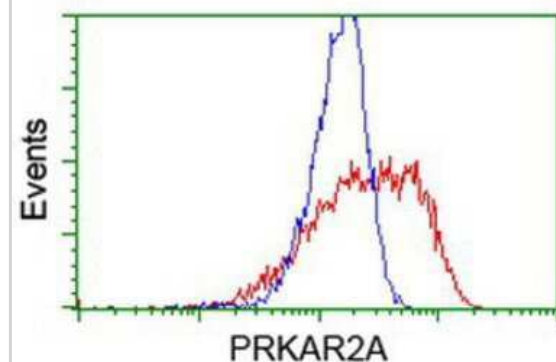
Immunocytochemistry/Immunofluorescence: PKA R2 Antibody (1F8) [NBP2-02520] Staining of COS7 cells transiently transfected by pCMV6-ENTRY PKA R2.



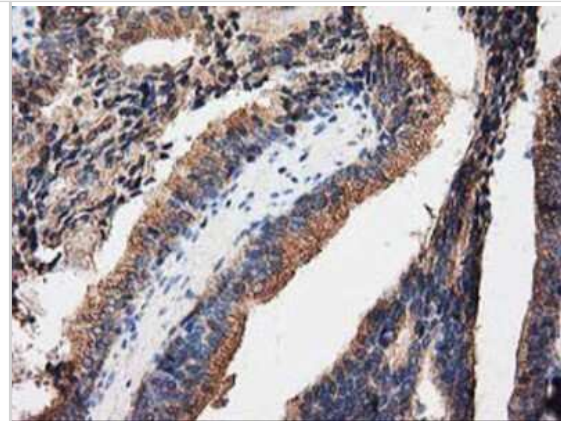
Immunohistochemistry-Paraffin: PKA R2 Antibody (1F8) [NBP2-02520] - Staining of paraffin-embedded Human prostate tissue using anti-PKA R2 mouse monoclonal antibody.



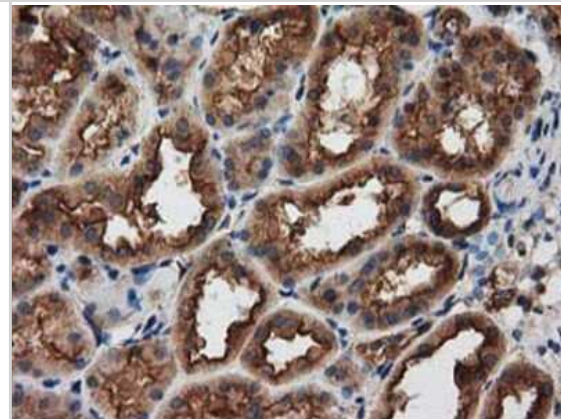
Flow Cytometry: PKA R2 Antibody (1F8) [NBP2-02520] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-PKA R2 antibody, and then analyzed by flow cytometry.



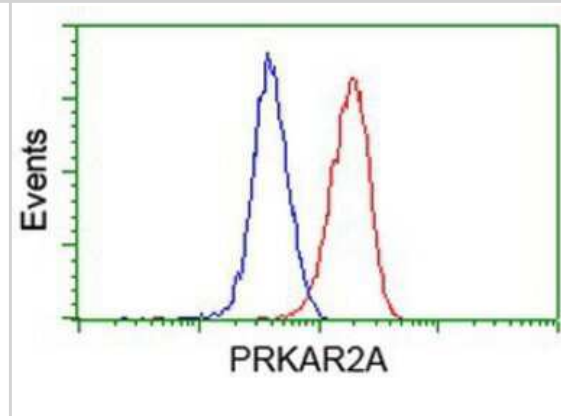
Immunohistochemistry-Paraffin: PKA R2 Antibody (1F8) [NBP2-02520] - Staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-PKA R2 mouse monoclonal antibody.



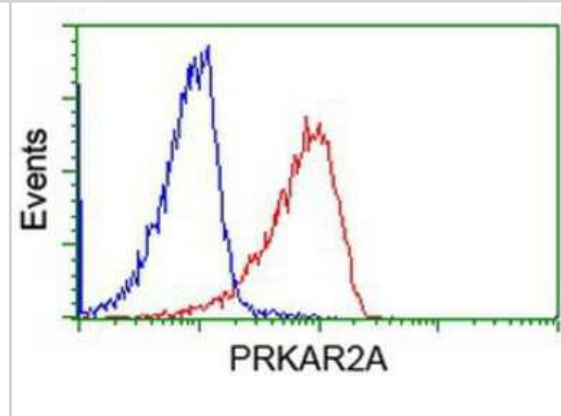
Immunohistochemistry-Paraffin: PKA R2 Antibody (1F8) [NBP2-02520] - Staining of paraffin-embedded Human Kidney tissue using anti-PKA R2 mouse monoclonal antibody.



Flow Cytometry: PKA R2 Antibody (1F8) [NBP2-02520] - Analysis of Hela cells, using anti-PKA R2 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



Flow Cytometry: PKA R2 Antibody (1F8) [NBP2-02520] - Analysis of Jurkat cells, using anti-PKA R2 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



## Publications

Halbert D, Domenyuk V, Spetzler D et al. Aptamers and uses thereof United States Patent Application US 9958448 B2 2018-01-01



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### **Products Related to NBP2-02520**

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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] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1)                   |

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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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