

Product Datasheet

Protein Kinase A regulatory subunit I alpha Antibody (OTI6C7) - Azide and BSA Free NBP2-73659

Unit Size: 100 ug

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

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-73659

Updated 9/9/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP2-73659



NBP2-73659

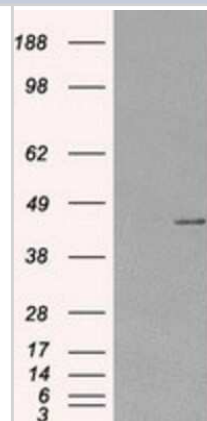
Protein Kinase A regulatory subunit I alpha Antibody (OTI6C7) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI6C7
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	43 kDa
Product Description	
Description	Novus Biologicals Mouse Protein Kinase A regulatory subunit I alpha Antibody (OTI6C7) - Azide and BSA Free (NBP1-47935) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	5573
Gene Symbol	PRKAR1A
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 protein expressed in 293T cell transfected with human PRKAR1A expression vector
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000, Immunohistochemistry 1:50, Immunocytochemistry/Immunofluorescence 1:100, Immunohistochemistry-Paraffin

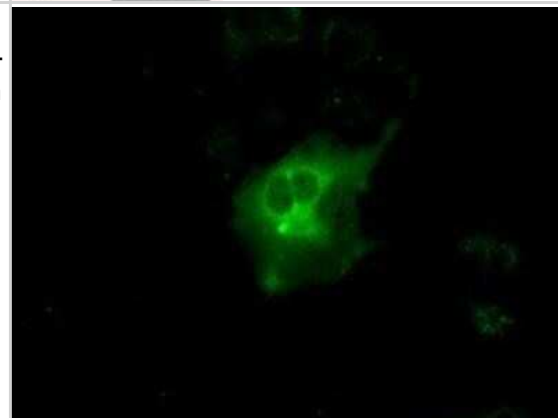


Images

Western Blot: Protein Kinase A regulatory subunit I alpha Antibody (OTI6C7) - Azide and BSA Free [NBP2-73659] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Protein Kinase A regulatory subunit I alpha (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and im



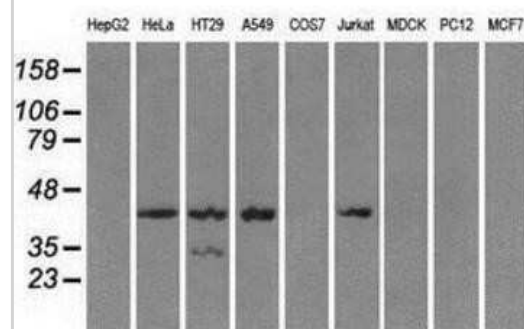
Immunocytochemistry/Immunofluorescence: Protein Kinase A regulatory subunit I alpha Antibody (OTI6C7) - Azide and BSA Free [NBP2-73659] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY Protein Kinase A regulatory subunit I alpha.



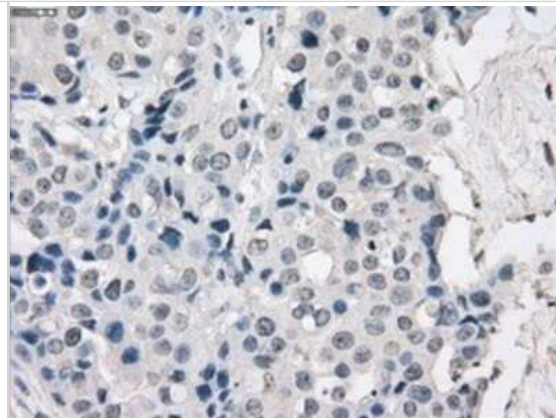
Immunohistochemistry: Protein Kinase A regulatory subunit I alpha Antibody (OTI6C7) - Azide and BSA Free [NBP2-73659] - Staining of paraffin-embedded prostate tissue using anti-Protein Kinase A regulatory subunit I alpha mouse monoclonal antibody.



Western Blot: Protein Kinase A regulatory subunit I alpha Antibody (OTI6C7) - Azide and BSA Free [NBP2-73659] - Analysis of extracts (35ug) from 9 different cell lines by using anti-Protein Kinase A regulatory subunit I alpha monoclonal antibody.



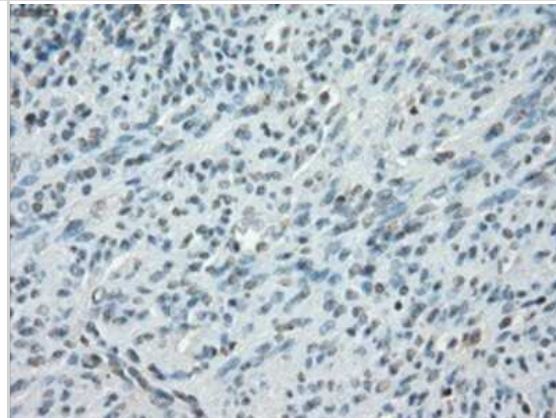
Immunohistochemistry: Protein Kinase A regulatory subunit I alpha Antibody (OTI6C7) - Azide and BSA Free [NBP2-73659] - Staining of paraffin-embedded Adenocarcinoma of breast tissue using anti-Protein Kinase A regulatory subunit I alpha mouse monoclonal antibody.



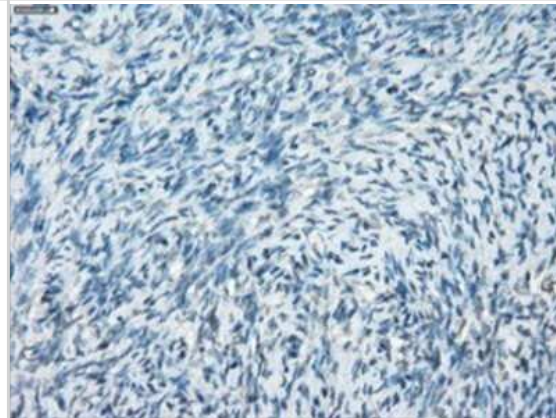
Immunohistochemistry: Protein Kinase A regulatory subunit I alpha Antibody (OTI6C7) - Azide and BSA Free [NBP2-73659] - Staining of paraffin-embedded colon tissue using anti-Protein Kinase A regulatory subunit I alpha mouse monoclonal antibody.



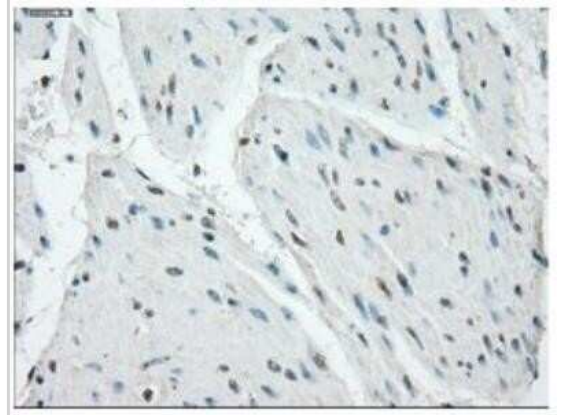
Immunohistochemistry: Protein Kinase A regulatory subunit I alpha Antibody (OTI6C7) - Azide and BSA Free [NBP2-73659] - Staining of paraffin-embedded endometrium tissue using anti-Protein Kinase A regulatory subunit I alpha mouse monoclonal antibody.



Immunohistochemistry: Protein Kinase A regulatory subunit I alpha Antibody (OTI6C7) - Azide and BSA Free [NBP2-73659] - Staining of paraffin-embedded Ovary tissue using anti-Protein Kinase A regulatory subunit I alpha mouse monoclonal antibody.



Immunohistochemistry: Protein Kinase A regulatory subunit I alpha Antibody (OTI6C7) - Azide and BSA Free [NBP2-73659] - Staining of paraffin-embedded carcinoma of bladder tissue (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100C for 10min, Dilution 1:50).





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-73659

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)

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-73659

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

