

# Product Datasheet

## AKAP10 Antibody (8C10) - Azide and BSA Free H00011216-M04

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 2

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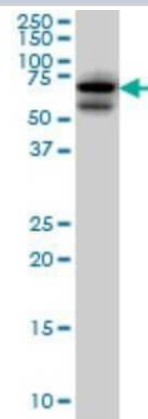
**H00011216-M04**

AKAP10 Antibody (8C10) - Azide and BSA Free

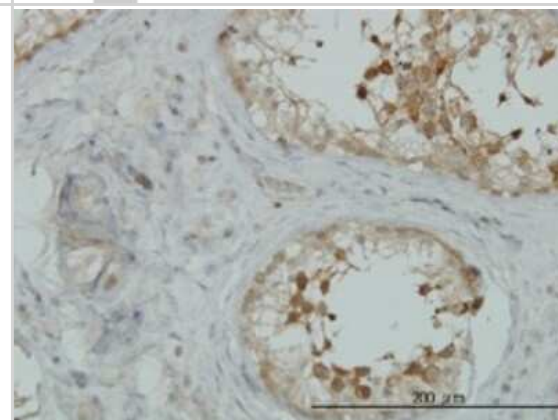
<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	8C10
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2a Kappa
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse AKAP10 Antibody (8C10) - Azide and BSA Free (H00011216-M04) is a monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-AKAP10 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	11216
<b>Gene Symbol</b>	AKAP10
<b>Species</b>	Human, Mouse
<b>Specificity/Sensitivity</b>	AKAP10 - A kinase (PRKA) anchor protein 10
<b>Immunogen</b>	AKAP10 (NP_009133, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MRGAGPSRQSPRTLRLPDPGPAMSFRRKVKGKEQEKTSDVKSISKASISVHSP QKSTKNHALLEAAGPSHVAINAISANMDSFSSSRTATLKKQPSHMEA
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Sandwich ELISA, Knockdown Validated
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Sandwich ELISA, Knockdown Validated
<b>Application Notes</b>	Antibody reactive against cell lysate and recombinant protein for Western Blot. Has also been used for immunohistochemistry (paraffin), RNAi validation, and ELISA.

## Images

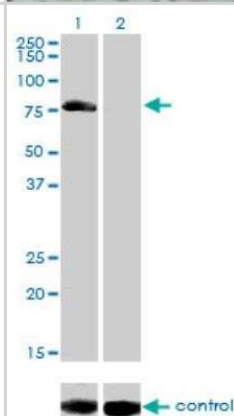
Western Blot: AKAP10 Antibody (8C10) [H00011216-M04] - Analysis of AKAP10 expression in Raw 264.7.



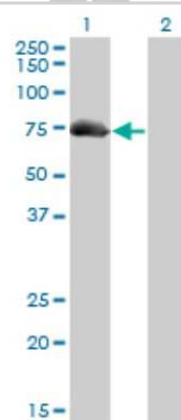
Immunohistochemistry-Paraffin: AKAP10 Antibody (8C10) [H00011216-M04] - Analysis of monoclonal antibody to AKAP10 on formalin-fixed paraffin-embedded human testis. Antibody concentration 0.5 ug/ml



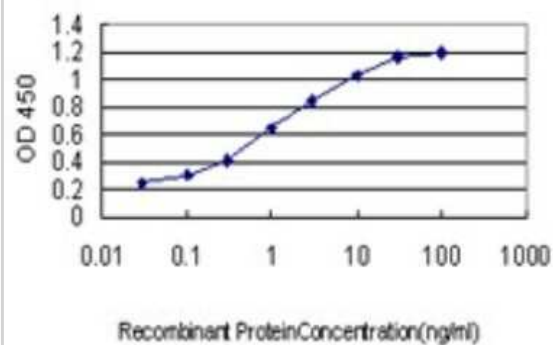
Western Blot: AKAP10 Antibody (8C10) [H00011216-M04] - Western blot analysis of AKAP10 over-expressed 293 cell line. Lane 2 cotransfected with AKAP10 Validated Chimera RNAi Lane 1 non-transfected control. Blot probed with H00011216-M04. GAPDH (36.1 kDa) used as loading control.



Western Blot: AKAP10 Antibody (8C10) [H00011216-M04] - Analysis of AKAP10 expression in transfected 293T cell line by AKAP10 monoclonal antibody (M04), clone 8C10. Lane 1: AKAP10 transfected lysate (73.8 kDa). Lane 2: Non-transfected lysate.



Sandwich ELISA: AKAP10 Antibody (8C10) [H00011216-M04] - Detection limit for recombinant GST tagged AKAP10 is approximately 0.03ng/ml as a capture antibody.



## Publications

Rinzhin S, Chase F, Karni M et al. Mitochondrial A-kinase anchoring proteins in cardiac ventricular myocytes. *Physiol Rep.* 2021-09-15 [PMID: 34514737]

Eggers CT, Schafer JC, Goldenring JR et al. D-AKAP2 interacts with Rab4 and Rab11 through its RGS domains and regulates transferrin receptor recycling. *J Biol Chem* 284(47):32869-80. 2009-11-20 [PMID: 19797056]





### **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 H00011216-M04**

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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]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)

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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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