

Product Datasheet

CaM Kinase II delta Antibody (1A8) - Azide and BSA Free H00000817-M02

Unit Size: 0.1 mg

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

www.novusbio.com



technical@novusbio.com

Reviews: 2 Publications: 3

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/H00000817-M02

Updated 2/21/2025 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/H00000817-M02



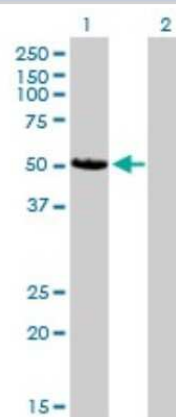
H00000817-M02**CaM Kinase II delta Antibody (1A8) - Azide and BSA Free**

| Product Information | |
|------------------------------------|---|
| Unit Size | 0.1 mg |
| Concentration | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | 1A8 |
| Preservative | No Preservative |
| Isotype | IgG2b Lambda |
| Purity | Protein A purified |
| Buffer | In 1x PBS, pH 7.4 |
| Product Description | |
| Description | Quality control test: Antibody Reactive Against Recombinant Protein. |
| Host | Mouse |
| Gene ID | 817 |
| Gene Symbol | CAMK2D |
| 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. Rat reported in scientific literature (PMID: 22766271). |
| Specificity/Sensitivity | CAMK2D (1A8) |
| Immunogen | CAMK2D (AAH32784, 301 a.a. ~ 410 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. KGAILTTMLATRNFSAAKSLLKKPDGVKESTESSNTTIEDEDVKARKQEIIKVTE QLIEAINNGDFEAYTKICDPGLTAFEPEALGNLVEGMDFHRFYFENALSKSNKPI |
| Notes | This product is produced by and distributed for Abnova, a company based in Taiwan. |
| Product Application Details | |
| Applications | Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Knockdown Validated |
| Recommended Dilutions | Western Blot 1:100-1:2000, ELISA, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Knockdown Validated |
| Application Notes | Antibody reactivity against recombinant protein and cell lysate for WB. It has also been used for IF, RNAi Validation and ELISA. |

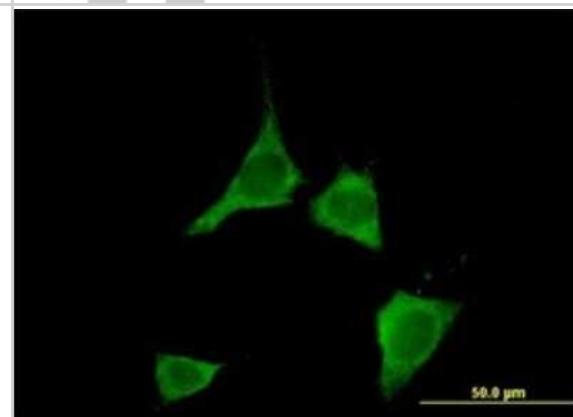


Images

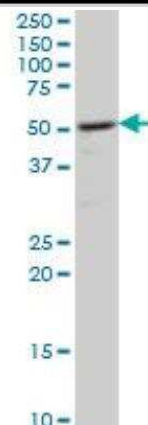
Western Blot: CaM Kinase II delta Antibody (1A8) [H00000817-M02] - Analysis of CAMK2D expression in transfected 293T cell line by CAMK2D monoclonal antibody (M02), clone 1A8. Lane 1: CAMK2D transfected lysate(54.1 KDa). Lane 2: Non-transfected lysate.



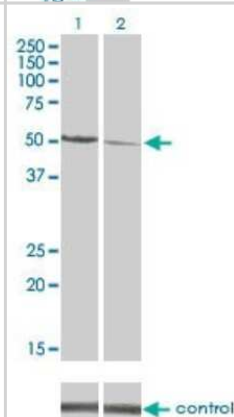
Immunocytochemistry/Immunofluorescence: CaM Kinase II delta Antibody (1A8) [H00000817-M02] - Analysis of monoclonal antibody to CAMK2D on NIH/3T3 cell. Antibody concentration 10 ug/ml.



Western Blot: CaM Kinase II delta Antibody (1A8) [H00000817-M02] - CAMK2D monoclonal antibody (M02), clone 1A8 Western Blot analysis of CAMK2D expression in NIH/3T3 (Cat # L018V1).



Western Blot: CaM Kinase II delta Antibody (1A8) [H00000817-M02] - Analysis of CAMK2D over-expressed 293 cell line, cotransfected with CAMK2D Validated Chimera RNAi (Cat # H00000817-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with CAMK2D monoclonal antibody (M02) clone 1A8 (Cat # H00000817-M02). GAPDH (36.1 kDa) used as specificity and loading control.



Publications

Hula N Developmental Programming of Cardiac and Coronary Artery Dysfunction in Adult Male and Female Offspring Exposed to Prenatal Hypoxia Thesis 2023-01-01 [PMID: 22348036] (WB, Rat)

Hula N, Spaans F, Jennie V, et al. Placental Treatment Improves Cardiac Tolerance to Ischemia/Reperfusion Insult in Adult Male and Female Offspring Exposed to Prenatal Hypoxia Pharmacological research 2021-01-26 [PMID: 33513355] (WB, Rat)

Arantes LA, Aguiara CJ, Amaya MJ et al. Nuclear Inositol 1,4,5-Trisphosphate Is A Necessary And Conserved Signal For The Induction Of Both Pathological And Physiological Cardiomyocyte Hypertrophy J Mol Cell Cardiol 2012-07-02 [PMID: 22766271] (WB, Rat)





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 H00000817-M02

| | |
|--------------------|--|
| NB800-PC8 | NIH 3T3 Whole Cell Lysate |
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB720-B | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| H00000817-P01-10ug | Recombinant Human CaM Kinase II delta GST (N-Term) Protein |

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/H00000817-M02

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

