

# Product Datasheet

## CaM Kinase II alpha Antibody (6G9) [DyLight 650] NB100-1983C

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-1983C**

CaM Kinase II alpha Antibody (6G9) [DyLight 650]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	6G9
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1
<b>Conjugate</b>	DyLight 650
<b>Purity</b>	Protein G purified
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	815
<b>Gene Symbol</b>	CAMK2A
<b>Species</b>	Human, Mouse, Rat, Bovine, Xenopus
<b>Reactivity Notes</b>	Mouse reactivity reported in scientific literature (PMID: 28421537). Xenopus reactivity reported in scientific literature (PMID: 29412139). 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.
<b>Specificity/Sensitivity</b>	Detects approx 50-60kDa. Recognizes both phosphorylated and non-phosphorylated forms.
<b>Immunogen</b>	Partially purified rat CaMKII
<b>Product Application Details</b>	
<b>Applications</b>	ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Knockdown Validated
<b>Recommended Dilutions</b>	ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Knockdown Validated
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NB100-1983C**

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NBP1-97005C	Mouse IgG1 Isotype Control (MG1) [DyLight 650]
H00000815-P01-10ug	Recombinant Human CaM Kinase II alpha GST (N-Term) Protein
DBD00	BDNF [HRP]
NBL1-08661	CaM Kinase II alpha Overexpression Lysate

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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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