

# Product Datasheet

## CaM Kinase II alpha Antibody (6G9) [Janelia Fluor® 525] NB100-1983JF525

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-1983JF525**

CaM Kinase II alpha Antibody (6G9) [Janelia Fluor® 525]

| Product Information         |   |
|-----------------------------|---|
| Unit Size                   | 0.1 ml  |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.   |
| Storage                     | Store at 4C in the dark.  |
| Clonality                   | Monoclonal  |
| Clone                       | 6G9   |
| Preservative                | 0.05% Sodium Azide  |
| Isotype                     | IgG1  |
| Conjugate                   | Janelia Fluor 525   |
| Purity                      | Protein G purified  |
| Buffer                      | 50mM Sodium Borate  |
| Product Description         |   |
| Host                        | Mouse   |
| Gene ID                     | 815   |
| Gene Symbol                 | CAMK2A  |
| Species                     | Human, Mouse, Rat, Bovine, Xenopus  |
| Reactivity Notes            | 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. |
| Specificity/Sensitivity     | Detects approx 50-60kDa. Recognizes both phosphorylated and non-phosphorylated forms.   |
| Immunogen                   | Partially purified rat CaMKII   |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.   |
| Product Application Details |   |
| Applications                | Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Radioimmunoassay   |
| Recommended Dilutions       | Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Radioimmunoassay   |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.  |





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### **Products Related to NB100-1983JF525**

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|                    |  |
|--------------------|--|
| NBP1-97005JF525    | Mouse IgG1 Isotype Control (MG1) [Janelia Fluor 525]       |
| H00000815-P01-10ug | Recombinant Human CaM Kinase II alpha GST (N-Term) Protein |
| DY248              | BDNF [Biotin]  |
| 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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