

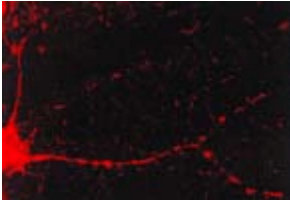
## Anti-CaMKII alpha Antibody [6G9] (A305083)

### Specifications:

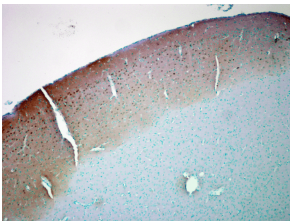
Name:	Anti-CaMKII alpha Antibody [6G9]
Description:	Mouse monoclonal [6G9] antibody to CaMKII alpha.
Specificity:	This antibody recognises both phosphorylated and non-phosphorylated forms of CaMKII alpha.
Applications:	WB, IHC, ICC/IF, IP, ELISA, RIA
Recommended Dilutions:	WB: 1:10,000, IHC: 1:2,000, ICC/IF: 1:50
Reactivity:	Human, Mouse, Rat, Bovine
Immunogen:	Partially purified rat CaMKII.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	6G9
Isotype:	IgG1
Conjugate:	Unconjugated
Purification:	Protein G purification.
Concentration:	1 mg/ml
Molecular Weight:	~50-60 kDa
Product Form:	Liquid
Formulation:	Supplied in Phosphate Buffered Saline, pH 7.4, with 50% Glycerol and 0.09% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

## Anti-CaMKII alpha Antibody [6G9] (A305083)

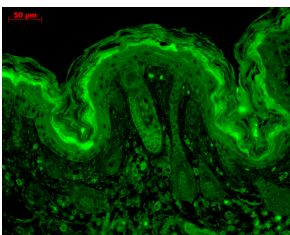
### Images:



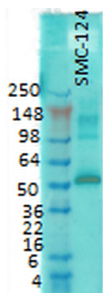
Immunocytochemistry/Immunofluorescence analysis of mouse dissociated hippocampal neurons, fixed in cold 4% paraformaldehyde / 0.2% glutaraldehyde in 0.1M sodium phosphate buffer, using Anti-CaMKII alpha Antibody [6G9] (A305083), at 1:1,000 for 12 hours at 4°C. The secondary antibody used was FITC Goat Anti-Mouse IgG (green) at 1:50 for 30 minutes at room temperature. Magnification: 10X.



Immunohistochemistry analysis of human colon carcinoma, fixed in formalin. The Primary Antibody used was Anti-CaMKII alpha Antibody [6G9] (A305083) at 1:10,000 for 12 hours at 4°C. The secondary antibody used was Biotin Goat Anti-Mouse at 1:2000 for 1 hour at room temperature. Counterstain: Mayer Hematoxylin (purple/blue) nuclear stain at 200 µl for 2 minutes at room temperature. Magnification: 40x.



Immunohistochemistry analysis of mouse backskin, fixed in Bouin's fixative solution and paraffin-embedded. The Primary Antibody used was Anti-CaMKII alpha Antibody [6G9] (A305083) at 1:100 for 1 hour at room temperature. The secondary antibody used was FITC Goat Anti-Mouse (green) at 1:50 for 1 hour at room temperature. Localization: Hair follicles, epidermis.



Western blot analysis of rat brain membrane lysate showing detection of CaMKII protein using Anti-CaMKII alpha Antibody [6G9] (A305083) at 1:1,000.