

# Anti-CaMKII [R05-9G5] Monoclonal Antibody

AGMB00834

## Description

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This Anti-CaMKII [R05-9G5] Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

## Product Information

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<b>SKU:</b>	AGMB00834
<b>Contents:</b>	20µl, 50µl, 100µl Bradford Reagent: 1 vial (2ml)
<b>Synonyms:</b>	CAMK2B, CAM2, CAMK2, CAMKB, Calcium/calmodulin-dependent protein kinase type II subunit beta, CaM kinase II subunit beta, CaMK-II subunit beta, CAMK2G, CAMK, CAMK-II, CAMKG, Calcium/calmodulin-dependent protein kinase type II subunit gamma
<b>Applications:</b>	<b>WB</b> <b>IHC-P</b> <b>ICC/IF</b>
<b>Research Area:</b>	Cell Biology
<b>Form:</b>	Liquid

## Antibody Data

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<b>Reactivity:</b>	Human, Mouse, Rat
<b>Clone:</b>	R05-9G5
<b>Clonality:</b>	Monoclonal Antibody
<b>SwissProt ID:</b>	Q13554
<b>Immunogen:</b>	A synthetic peptide of human CaMKII

### Manufacturers Statement

This final kit system is assembled and quality-released by Assay Genie Limited.

**Gene ID:** 816

**Gene Name:** CAMK2B

**Host Species:** Rabbit

**Isotype:** IgG

**Purification:** Affinity Purified

**Conjugated:** Unconjugated

**Modification:** Unmodified

**Molecular Weight:** Calculated MW: 73 kDa, Observed MW: 54 kDa

## Preparation & Storage

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**Storage:** Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.  
Store Bradford Reagent at Room Temperature for 1 Year.

**Storage Buffer:** Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.

<b>Antibody Dilution Ratio:</b>	<b>Application</b>	<b>Antibody Dilution Ratio</b>
	WB	1:1000-1:5000
	IHC-P	1:200-1:500
	ICC/IF	1:100-1:200

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol.