

# Anti-PKC alpha [R05-4E5] Monoclonal Antibody -Knockout Validated

## AGMB06631

### Description

---

This Anti-PKC alpha [R05-4E5] Monoclonal Antibody -Knockout Validated 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

---

<b>SKU:</b>	AGMB06631
<b>Contents:</b>	20µl, 50µl, 100µl Bradford Reagent: 1 vial (2ml)
<b>Synonyms:</b>	PRKCA, PKCA, PRKACA, Protein kinase C alpha type, PKC-A, PKC-alpha
<b>Applications:</b>	<b>WB</b> <b>IHC-P</b> <b>ICC/IF</b> <b>FC</b> <b>IP</b>
<b>Research Area:</b>	Signal Transduction
<b>Form:</b>	Liquid

### Antibody Data

---

<b>Reactivity:</b>	Human, Mouse, Rat
<b>Clone:</b>	R05-4E5
<b>Clonality:</b>	Monoclonal Antibody
<b>SwissProt ID:</b>	P17252
<b>Immunogen:</b>	A synthetic peptide of human PKC alpha
<b>Gene ID:</b>	5578
<b>Gene Name:</b>	PRKCA

#### Manufacturers Statement

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

**Host Species:** Rabbit

**Isotype:** IgG

**Purification:** Affinity Purified

**Conjugated:** Unconjugated

**Modification:** Unmodified

**Molecular Weight:** Calculated MW: 77 kDa, Observed MW: 80 kDa

## Preparation & Storage

---

**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	1:50-1:100
	ICC/IF	1:100-1:200
	FC	1:20
	IP	1:20

**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.