

Product Name: CAMKIV (3C10) Mouse Monoclonal Antibody
Catalog #: AMM03457



Summary

Production Name	CAMKIV (3C10) Mouse Monoclonal Antibody
Description	Primary antibody
Host	Mouse
Application	WB
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG2a
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purified

Immunogen

Gene Name	CAMK4
Alternative Names	CAMK4; CAMK; CAMK-GR; CAMKIV; Calcium/calmodulin-dependent protein kinase type IV; CaMK IV; CaM kinase-GR
Gene ID	814
SwissProt ID	Q16566

Application

Dilution Ratio	WB: 1/500-1/1000
Molecular Weight	Calculated MW: 52 kDa; Observed MW: 55 kDa

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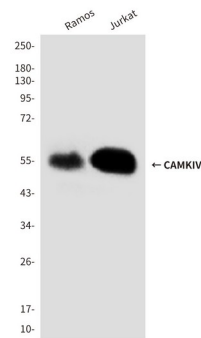
Background

Calcium/calmodulin-dependent protein kinase belonging to a proposed calcium-triggered signaling cascade. May be involved in transcriptional regulation. May be involved in regulation of microtubule dynamics. In vitro, phosphorylates CREB1, CREBBP, PRM2, MEF2A, MEF2D and STMN1/OP18.

Research Area

Neuroscience

Image Data



Western blot analysis of CaMKIV in Ramos and Jurkat lysates using CaMKIV antibody.

Note

For research use only.