

## Anti-CAMK4 antibody [3C10-D5-G7] (STJ99119)

STJ99119

### GENERAL INFORMATION

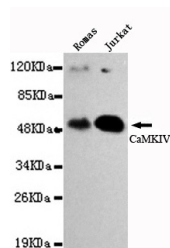
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Mouse monoclonal antibody anti-Calcium/Calmodulin-Dependent Protein Kinase Type Iv is suitable for use in Western Blot research applications.
<b>Applications</b>	WB
<b>Host/Source</b>	Mouse
<b>Reactivity</b>	Human

### PRODUCT PROPERTIES

<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	3C10-D5-G7
<b>Concentration</b>	1 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads.
<b>Dilution Range</b>	WB 1:1000
<b>Formulation</b>	PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
<b>Isotype</b>	IgG2a
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

<b>Gene ID</b>	814
<b>Gene Symbol</b>	CAMK4
<b>Uniprot ID</b>	KCC4_HUMAN
<b>Immunogen</b>	Purified recombinant human CaMKIV protein fragments expressed in E.coli.
<b>Immunogen Region</b>	
<b>Specificity</b>	CAMK4 monoclonal antibody (Calcium/Calmodulin-Dependent Protein Kinase Type Iv) binds to endogenous Calcium/Calmodulin-Dependent Protein Kinase Type Iv.
<b>Immunogen Sequence</b>	



Western blot detection of CaMKIV in Romas and Jurkat cell lysates using CaMKIV mouse mAb (1:1000 diluted). Predicted band size: 52kDa. Observed band size: 55kDa.