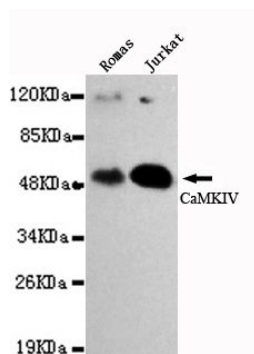




CaMKIV

Mouse monoclonal Antibody

#53210

Catalog Number: 53210**Amount:** 100µg/100µl**Swiss-Prot No. :** Q16566**Gene name:** camk4**Gene id:** 814**Clone Number:** 3C10-D5-G7**Form of Antibody:** Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol**Storage/Stability:** Store at -20°C/1 year**Immunogen:** Purified recombinant human CaMKIV protein fragments expressed in E.coli**Purification:** affinity-chromatography**Specificity/Sensitivity:** This antibody detects endogenous levels of CaMKIV and does not cross-react with related proteins**Reactivity:** Human,**Applications:** Predicted MW: 55kd WB: 1:1000

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.

Background:

The product of this gene belongs to the serine/threonine protein kinase family, and to the Ca(2+)/calmodulin-dependent protein kinase subfamily. This enzyme is a multifunctional serine/threonine protein kinase with limited tissue distribution, that has been implicated in transcriptional regulation in lymphocytes, neurons and male germ cells.