



CAMK4

Mouse monoclonal Antibody

#54043

Catalog Number: 54043**Amount:** 100µg/100µl**Swiss-Prot No. :**Q16566**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 CAMK4 protein fragments expressed in E.coli**Purification:** affinity-chromatography**Specificity/Sensitivity:** This antibody detects endogenous levels of CAMK4 and does not cross-react with related proteins**Reactivity:** Human**Applications:**

Predicted MW: 55kd WB:1:500-2000 IHC/ICC:1:200-1000

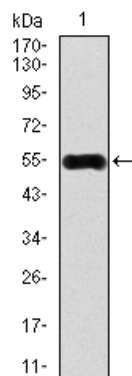


Figure 1: Western blot analysis using CAMK4 mAb against human CAMK4 recombinant protein. (Expected MW is 54.8 kDa)

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.