

CAMK4 Ab

[References\(1\)](#) [Images\(1\)](#)

Cat.#: BF0007 Concn.: ~1mg/ml Mol.Wt.: 58kDa
Size: Source: Mouse Clonality: Monoclonal

Application: ELISA 1:10000, WB 1:500-1:2000, IHC 1:200-1:1000, IF/ICC
1:200-1:1000, FCM 1:200-1:400

*The optimal dilutions should be determined by the end user.

Reactivity: Human

Storage: Mouse IgG1 in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH
7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C.
Stable for 12 months from date of receipt.

Purification: Affinity-chromatography.

Immunogen: Purified recombinant fragment of human CAMK4 expressed in E. Coli.

Uniprot: Q16566

Description: 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.

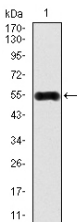


Figure 1: Western blot analysis using CAMK4 mAb against human CAMK4 recombinant protein. (Expected MW is 54.8 kDa)

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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