BOSTER
antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-CaMKII beta Monoclonal Antibody

Catalog Number: M03964-2

About CAMK2B

CaM-kinase II (CAMK2) is a prominent kinase in the central nervous system that may function in long-term potentiation and neurotransmitter release. Member of the NMDAR signaling complex in excitatory synapses it may regulate NMDAR-dependent potentiation of the AMPAR and synaptic plasticity.

Overview

Product Name	Anti-CaMKII beta Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-CaMKII beta Monoclonal Antibody catalog # M03964-2. Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IF, IHC, ICC, WB
Clonality	Monoclonal AECO-3
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q13554

Technical Details

Immunogen	A synthesized peptide derived from human CaMKII beta.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:500-1:2000 IHC 1:50-1:200

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	ICC/IF 1:50-1:200 FC 1:100

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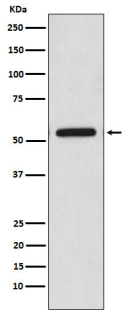
Anti-CaMKII beta Monoclonal Antibody (M03964-2) Images



Western blot analysis of CaMKII expression in HeLa cell lysate.

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Anti-CaMKII beta Monoclonal Antibody

For Research Use Only. Not for use in diagnostic procedures.