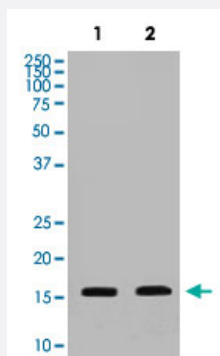


Calmodulin monoclonal antibody, clone BFB-3

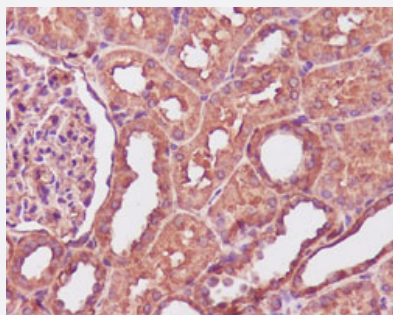
Catalog # MAB19686 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of Lane 1: NIH3T3 and Lane 2: MCF-7 cell lysates with Calmodulin monoclonal antibody, clone BFB-3 (Cat # MAB19686).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human kidney with Calmodulin monoclonal antibody, clone BFB-3 (Cat # MAB19686).

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human Calmodulin.
Immunogen	A synthetic peptide corresponding to human Calmodulin.
Host	Rabbit
Theoretical MW (kDa)	16.838
Reactivity	Human
Form	Liquid

Purification	Affinity purification
Isotype	IgG
Recommend Usage	Flow Cytometry (1:50) Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-1:200) Immunoprecipitation (1:50) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of Lane 1: NIH3T3 and Lane 2: MCF-7 cell lysates with Calmodulin monoclonal antibody, clone BFB-3 (Cat # MAB19686).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human kidney with Calmodulin monoclonal antibody, clone BFB-3 (Cat # MAB19686).

- Immunocytochemistry

- Immunofluorescence

- Immunoprecipitation

- Flow Cytometry

Gene Info — CALM1

Entrez GeneID

[801](#)

Protein Accession#

[P0DP23;P0DP24;P0DP25](#)

Gene Name	CALM1
Gene Alias	CALML2, CAMI, DD132, PHKD
Gene Description	calmodulin 1 (phosphorylase kinase, delta)
Omim ID	114180
Gene Ontology	Hyperlink
Gene Summary	Calmodulin is the archetype of the family of calcium-modulated proteins of which nearly 20 members have been found. They are identified by their occurrence in the cytosol or on membranes facing the cytosol and by a high affinity for calcium. Calmodulin contains 149 amino acids and has 4 calcium-binding domains. Its functions include roles in growth and the cell cycle as well as in signal transduction and the synthesis and release of neurotransmitters.[supplied by OMIM]
Other Designations	calmodulin 1 phosphorylase kinase, delta subunit

Gene Info — CALM2

Entrez GeneID	805
Protein Accession#	P0DP23;P0DP24;P0DP25
Gene Name	CALM2
Gene Alias	CAMII, PHKD, PHKD2
Gene Description	calmodulin 2 (phosphorylase kinase, delta)
Omim ID	114182
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	LP7057 protein calmodulin 2 phosphorylase kinase delta

Gene Info — CALM3

Entrez GeneID	808
Protein Accession#	P0DP23;P0DP24;P0DP25
Gene Name	CALM3
Gene Alias	PHKD, PHKD3

Gene Description	calmodulin 3 (phosphorylase kinase, delta)
Omim ID	114183
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	calmodulin 3

Pathway

- [Calcium signaling pathway](#)
- [Calcium signaling pathway](#)
- [Calcium signaling pathway](#)
- [Glioma](#)
- [Glioma](#)
- [Glioma](#)
- [GnRH signaling pathway](#)
- [GnRH signaling pathway](#)
- [GnRH signaling pathway](#)
- [Insulin signaling pathway](#)
- [Insulin signaling pathway](#)
- [Insulin signaling pathway](#)
- [Long-term potentiation](#)
- [Long-term potentiation](#)
- [Long-term potentiation](#)
- [Melanogenesis](#)
- [Melanogenesis](#)
- [Melanogenesis](#)
- [Neurotrophin signaling pathway](#)

- [Neurotrophin signaling pathway](#)
- [Neurotrophin signaling pathway](#)
- [Olfactory transduction](#)
- [Olfactory transduction](#)
- [Olfactory transduction](#)
- [Phosphatidylinositol signaling system](#)
- [Phosphatidylinositol signaling system](#)
- [Phosphatidylinositol signaling system](#)
- [Vascular smooth muscle contraction](#)
- [Vascular smooth muscle contraction](#)
- [Vascular smooth muscle contraction](#)

Disease

- [Anorexia Nervosa](#)
- [Brain Ischemia](#)
- [Bulimia](#)
- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)
- [Cardiovascular Diseases](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Diabetes Mellitus](#)
- [Diabetes Mellitus](#)
- [Edema](#)

- [Edema](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Genetic Predisposition to Disease](#)
- [Myocardial Infarction](#)
- [Osteoarthritis](#)
- [Osteoarthritis](#)
- [Osteoporosis](#)
- [Schizophrenia](#)
- [Scoliosis](#)
- [Stroke](#)
- [Tobacco Use Disorder](#)
- [Ventricular Dysfunction](#)