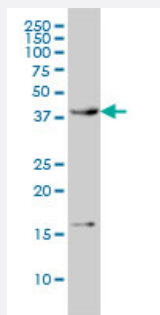


CAMK1 monoclonal antibody (M01), clone 3G1

Catalog # H00008536-M01

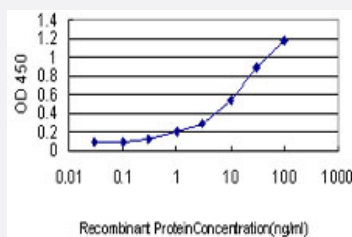
Size 100 ug

Applications



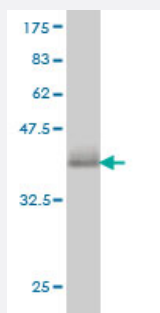
Western Blot (Cell lysate)

CAMK1 monoclonal antibody (M01), clone 3G1 Western Blot analysis of CAMK1 expression in HL-60 (Cat # L014V1).



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CAMK1 is approximately 0.3ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant CAMK1.

Immunogen	CAMK1 (NP_003647, 271 a.a. ~ 370 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	LQHPWIAGDTALDKNIHQSVSEQIKKNFAKSKWKQAFNATAVVRHMRKLQLGTSQEGQGQTASH GELLTPVAGGPAAGCCCRDCCVEPGTELSPTLPHQL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97); Rat (98)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

CAMK1 monoclonal antibody (M01), clone 3G1 Western Blot analysis of CAMK1 expression in HL-60 (Cat # L014V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CAMK1 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — CAMK1

Entrez GeneID [8536](#)

GeneBank Accession#	NM_003656
Protein Accession#	NP_003647
Gene Name	CAMK1
Gene Alias	CAMKI, MGC120317, MGC120318
Gene Description	calcium/calmodulin-dependent protein kinase I
Omim ID	604998
Gene Ontology	Hyperlink
Gene Summary	Calcium/calmodulin-dependent protein kinase I is expressed in many tissues and is a component of a calmodulin-dependent protein kinase cascade. Calcium/calmodulin directly activates calcium /calmodulin-dependent protein kinase I by binding to the enzyme and indirectly promotes the phosphorylation and synergistic activation of the enzyme by calcium/calmodulin-dependent protein kinase I kinase. [provided by RefSeq]
Other Designations	OTTHUMP00000158527

Disease

- [Anorexia Nervosa](#)
- [Bulimia](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Mental Disorders](#)