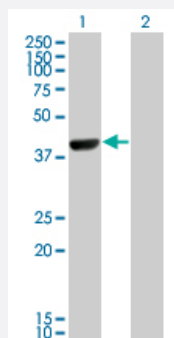


CAMK1D monoclonal antibody (M10), clone 3H8

Catalog # H00057118-M10

Size 100 ug

Applications

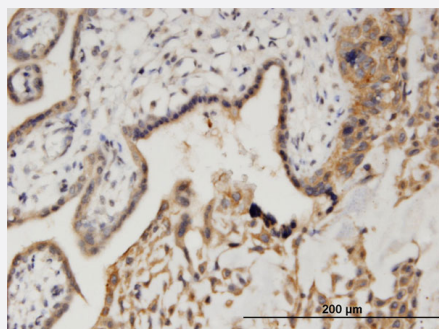


Western Blot (Transfected lysate)

Western Blot analysis of CAMK1D expression in transfected 293T cell line by CAMK1D monoclonal antibody (M10), clone 3H8.

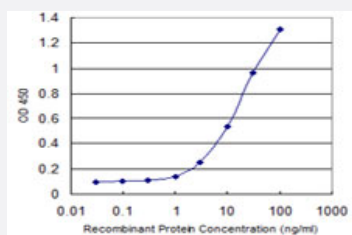
Lane 1: CAMK1D transfected lysate (42.9 kDa).

Lane 2: Non-transfected lysate.



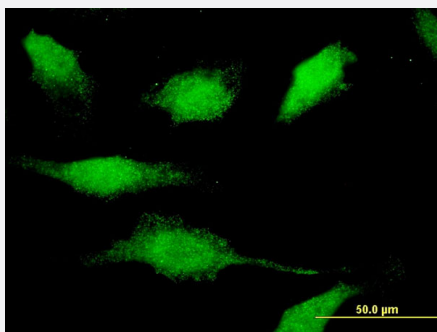
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to CAMK1D on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]



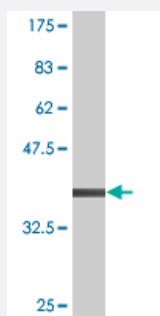
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CAMK1D is 0.3 ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to CAMK1D on HeLa cell .
[antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.19 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant CAMK1D.
Immunogen	CAMK1D (NP_705718.1, 1 a.a. ~ 95 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MARENGESSSSWKKQAEDIKKIFEFKETLGTGAFSEVVLAEKATGKLFAVKCIPKKALKGKESSI ENEIAVLRKIKHENVALEDIYESPNHLY
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97); Rat (97)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.19 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 (Transfected lysate)

Western Blot analysis of CAMK1D expression in transfected 293T cell line by CAMK1D monoclonal antibody (M10), clone 3H8.

Lane 1: CAMK1D transfected lysate(42.9 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

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

Immunoperoxidase of monoclonal antibody to CAMK1D on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CAMK1D is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to CAMK1D on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — CAMK1D

Entrez GeneID [57118](#)

GeneBank Accession# [NM_153498](#)

Protein Accession# [NP_705718.1](#)

Gene Name CAMK1D

Gene Alias CKLiK, CaM-K1, CaMKID

Gene Description calcium/calmodulin-dependent protein kinase ID

Omim ID [607957](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the Ca²⁺/calmodulin-dependent protein kinase 1 subfamily of serine/threonine kinases. The encoded protein may be involved in the regulation of granulocyte function through the chemokine signal transduction pathway. Alternatively spliced transcript variants encoding different isoforms of this gene have been described. [provided by RefSeq]

Other Designations CaM kinase ID|CamKI-like protein kinase|OTTHUMP00000019119|OTTHUMP00000019120|OTTHUMP00000045030

Disease

- [Alzheimer Disease](#)
- [Birth Weight](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
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- [Narcolepsy](#)
- [Neoplasm Invasiveness](#)
- [Obesity](#)
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- [Tobacco Use Disorder](#)