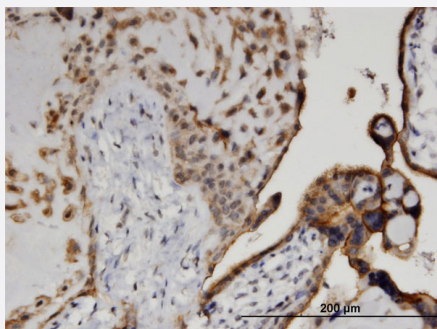


CSNK1D monoclonal antibody (M09), clone 4H8

Catalog # H00001453-M09

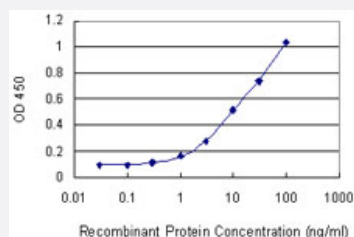
Size 100 ug

Applications



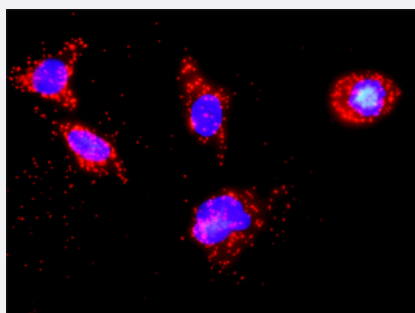
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to CSNK1D on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]



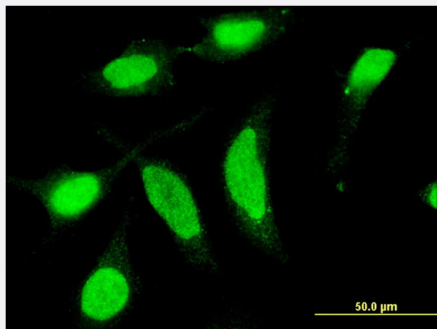
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CSNK1D is 0.3 ng/ml as a capture antibody.



In situ Proximity Ligation Assay (Cell)

Proximity Ligation Analysis of protein-protein interactions between TP53 and CSNK1D. HeLa cells were stained with anti-TP53 rabbit purified polyclonal 1:1200 and anti-CSNK1D mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



Immunofluorescence

Immunofluorescence of monoclonal antibody to CSNK1D on HeLa cell .
[antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (38.28 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant CSNK1D.
Immunogen	CSNK1D (AAH03558, 301 a.a. ~ 415 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	ADDAERERRDREERLRHSRNPATRGLPSTASGRLRGQTQEVAPPTPLTPTSHTANTSPRPVSGMERERKVSMLRHRGAPVNISSDLTGRQDTSRMSTSQIPGRVASSGLQSVVHR
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Rat (99)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (38.28 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 (Recombinant protein)

[Protocol Download](#)

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

Immunoperoxidase of monoclonal antibody to CSNK1D on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CSNK1D is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- In situ* Proximity Ligation Assay (Cell)

Proximity Ligation Analysis of protein-protein interactions between TP53 and CSNK1D. HeLa cells were stained with anti-TP53 rabbit purified polyclonal 1:1200 and anti-CSNK1D mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

- Immunofluorescence

Immunofluorescence of monoclonal antibody to CSNK1D on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — CSNK1D

Entrez GeneID [1453](#)

GeneBank Accession# [BC003558](#)

Protein Accession# [AAH03558](#)

Gene Name CSNK1D

Gene Alias HCKID

Gene Description casein kinase 1, delta

Omim ID [600864](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene is a member of the casein kinase I (CKI) gene family whose members have been implicated in the control of cytoplasmic and nuclear processes, including DNA replication and repair. The encoded protein is highly similar to the mouse and rat CK1 delta homologs. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

-

Pathway

- [Circadian rhythm - mammal](#)
- [Gap junction](#)
- [Hedgehog signaling pathway](#)

Disease

- [Alzheimer disease](#)
- [Bipolar Disorder](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cognition](#)
- [Communicable Diseases](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Hyperparathyroidism](#)
- [Neoplasm Invasiveness](#)
- [Neoplasms](#)
- [Osteoarthritis](#)
- [Osteoporosis](#)

- [Psoriasis](#)
- [Psychiatric Status Rating Scales](#)
- [Psychotic Disorders](#)
- [Schizophrenia](#)
- [Sleep](#)