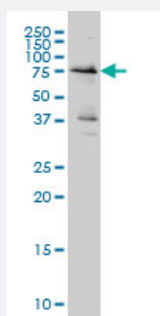


WEE1 monoclonal antibody (M01A), clone 5B6

Catalog # H00007465-M01A

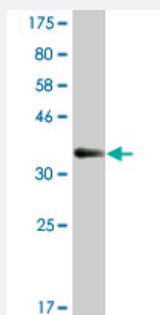
Size 200 uL

Applications



Western Blot (Cell lysate)

WEE1 monoclonal antibody (M01A), clone 5B6 Western Blot analysis of WEE1 expression in HeLa S3 NE (Cat # L013V3).



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant WEE1.

Immunogen

WEE1 (NP_003381, 289 a.a. ~ 388 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

SNMKSRYTTEFHELEKIGSGEFGSVFKCVKRLDGCYAIKRSKKPLAGSVDEQNALREYAHAVLG
QHSHVVRYSAWAEDDHMLIQNEYCNGGSLADAI

Host

Mouse

Reactivity

Human, Mouse, Rat

Interspecies Antigen Sequence	Mouse (99); Rat (98)
Isotype	IgM Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In ascites fluid
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

WEE1 monoclonal antibody (M01A), clone 5B6 Western Blot analysis of WEE1 expression in Hela S3 NE (Cat # L013V3).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — WEE1

Entrez GeneID	7465
GeneBank Accession#	NM_003390
Protein Accession#	NP_003381
Gene Name	WEE1
Gene Alias	DKFZp686I18166, FLJ16446, WEE1A, WEE1hu
Gene Description	WEE1 homolog (S. pombe)
Omim ID	193525
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a nuclear protein, which is a tyrosine kinase belonging to the Ser/Thr family of protein kinases. This protein catalyzes the inhibitory tyrosine phosphorylation of CDC2/cyclin B kinase, and appears to coordinate the transition between DNA replication and mitosis by protecting the nucleus from cytoplasmically activated CDC2 kinase. [provided by RefSeq]

Other Designations

WEE1+ homolog|wee1 tyrosine kinase|wee1-like protein kinase

Publication Reference

- [Proteasome Inhibition Contributed to the Cytotoxicity of Arenobufagin after Its Binding with Na, K-ATPase in Human Cervical Carcinoma HeLa Cells.](#)

Yue Q, Zhen H, Huang M, Zheng X, Feng L, Jiang B, Yang M, Wu W, Liu X, Guo D.

PLoS One 2016 Jul; 11(7):e0159034.

Application: WB-Ce, Human, HeLa cells

Pathway

- [Cell cycle](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)