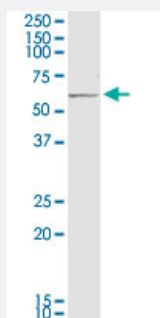


PRC1 monoclonal antibody (M03), clone 3B10-1F9

Catalog # H00009055-M03

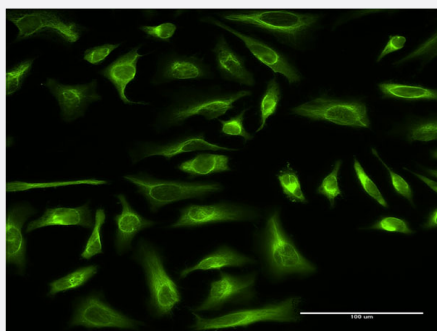
Size 100 ug

Applications



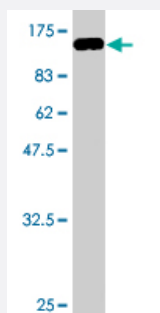
Western Blot (Cell lysate)

PRC1 monoclonal antibody (M03), clone 3B10-1F9. Western Blot analysis of PRC1 expression in HepG2.



Immunofluorescence

Immunofluorescence of monoclonal antibody to PRC1 on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (93.94 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant PRC1.

Immunogen	PRC1 (AAH03138.1, 1 a.a. ~ 620 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MRRSEVLAEEISVCLQKALNHLREWELIGIPEDQRLQRTEVVKKHIKELLDMMIAEEESLKERLIKSI SVCQKELNTLCSELHVEPFQEEGETTILQLEKDLRTQVELMRKQKKERKQELKLLQEQQDQELCEI LCMPHYDIDSASVPSLEELNQFRQHVTTLRETKASRREEFVSIKRQILCMEELDHTPDTSFERDVV CEDEDAFCLSLNIATLQKLLRQLEMQKSQNEAVCEGLRTQIRELWDRLQIPEEEREAVATIMSGS KAKVRKALQLEVDRLLEELKMQNMKKVIEAIRVELVQYWDQCFYSQEQRQAFAPFCAEDYTESLL QLHDAEMVRLKNYYEVHKELFEGVQKWEETWRLFLEFERKASDPNRFNTRGGNLLKEEKQRAKL QKMLPKLEELKARIELWEQEHSKAFMVNGQKFMEYVAEQWEMHRLEKERAKQERQLKNKKQT ETEMLYGSAPRTPSKRRGLAPNTPGKARKLNTTMSNATANSSIRPIFGGTVYHSPVSRPPSGSK PVAASTCSGKKTPRTGRHGANKENLELNGSILSGGYPGSAPLQRNFSINSVASTYSEFAKDPSLS DSSTVGLQRELSKASKSDATSGILNSTNIQS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (81); Rat (81)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (93.94 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)

PRC1 monoclonal antibody (M03), clone 3B10-1F9. Western Blot analysis of PRC1 expression in HepG2.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to PRC1 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — PRC1

Entrez GeneID [9055](#)**GeneBank Accession#** [BC003138](#)**Protein Accession#** [AAH03138.1](#)**Gene Name** PRC1**Gene Alias** ASE1, MGC1671, MGC3669**Gene Description** protein regulator of cytokinesis 1**Omim ID** [603484](#)**Gene Ontology** [Hyperlink](#)

Gene Summary This gene encodes a protein that is involved in cytokinesis. The encoded protein is at high level during S and G2/M and drop dramatically after cell exit mitosis and enter G1. It is located in the nucleus during interphase, and becomes associated with mitotic spindles in a highly dynamic manner during mitosis, and localizes to the cell mid-body during cytokinesis. This protein has been shown to be a substrate of several cyclin-dependent kinases (CDKs). At least three alternatively spliced transcripts encoding distinct isoforms have been observed. [provided by RefSeq]

Other Designations anaphase spindle elongation 1 homolog|protein regulating cytokinesis 1

Disease

- [Adenocarcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Pancreatic Neoplasms](#)
- [Tobacco Use Disorder](#)