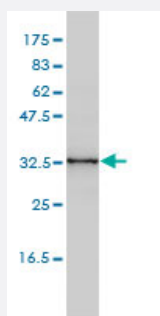


CENPK monoclonal antibody (M01), clone 1G2-1B10

Catalog # H00064105-M01

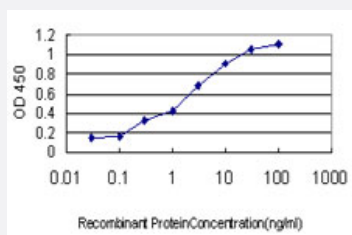
Size 100 ug

Applications



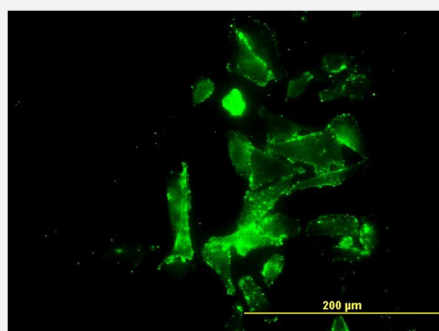
Western Blot (Cell lysate)

CENPK monoclonal antibody (M01), clone 1G2-1B10 Western Blot analysis of CENPK expression in HepG2 (Cat # L019V1).



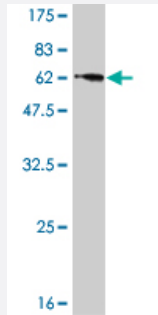
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FKSG14 is approximately 0.03ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to CENPK on HepG2 cell. [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (55.33 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant CENPK.
Immunogen	CENPK (AAH05400.1, 1 a.a. ~ 269 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MNQEDLDPDSTTDVGDVTNTEELIRECEEMWKDMEECCQNKLSLIGTETLTDSNAQLSLLIMQVK CLTAELSQQWQKKTPTIPLTEDVLITLGKEEFQKLRQDLEMVLSTKESKNEKLKEDLEREQRWLD EQQQIMESLNLHSELKNKVETFSERIFNELKTKMLNIKEYKEKLLSTLGEFLEDHFPLPDRSVKK KKKNIQESSVNLITLHEMLEILINRLFDVPHDPYVKISDSFWPPYVELLLRNGIALRHPEDPTRIRLEA FHQ
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (75); Rat (66)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (55.33 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)

CENPK monoclonal antibody (M01), clone 1G2-1B10 Western Blot analysis of CENPK expression in HepG2 (Cat # L019V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FKSG14 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to CENPK on HepG2 cell. [antibody concentration 10 ug/ml]

Gene Info — CENPK

Entrez GeneID [64105](#)

GeneBank Accession# [BC005400](#)

Protein Accession# [AAH05400.1](#)

Gene Name CENPK

Gene Alias AF5alpha, CENP-K, FKSG14, P33, Solt

Gene Description centromere protein K

Omim ID [611502](#)

Gene Ontology [Hyperlink](#)

Gene Summary CENPK is a subunit of a CENPH (MIM 605607)-CENPI (MIM 300065)-associated centromeric complex that targets CENPA (MIM 117139) to centromeres and is required for proper kinetochore function and mitotic progression (Okada et al., 2006 [PubMed 16622420]).[supplied by OMIM]

Other Designations OTTHUMP00000161888|SoxLZ/Sox6 leucine zipper binding protein|SoxLZ/Sox6-binding protein Solt|leucine zipper protein FKSG14