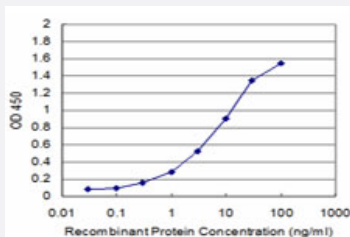


CENPA monoclonal antibody (M01), clone 1D4-1A3

Catalog # H00001058-M01

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

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

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant CENPA.
Immunogen	CENPA (AAH00881, 1 a.a. ~ 114 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MGPRRRSRKPEAPRRRSPSPTPTGPSRRGPSLGASSHQHSRRRQGWLKEIRKLQKSTHLLIRKLPFSRLAAEAFLVHLFEDAYLLTLHAGRVTLFPKDVQLARRIRGLEEGLG
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (56); Rat (56)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

Gene Info — CENPA

Entrez GeneID	1058
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GeneBank Accession#	BC000881
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Protein Accession#	AAH00881
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Gene Name	CENPA
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Gene Alias	CENP-A
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Gene Description	centromere protein A
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Omim ID	117139
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Gene Ontology	Hyperlink
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Gene Summary	Centromeres are the differentiated chromosomal domains that specify the mitotic behavior of chromosomes. CENPA encodes a centromere protein which contains a histone H3 related histone fold domain that is required for targeting to the centromere. CENPA is proposed to be a component of a modified nucleosome or nucleosome-like structure in which it replaces 1 or both copies of conventional histone H3 in the (H3-H4) ₂ tetrameric core of the nucleosome particle. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq]
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Other Designations	OTTHUMP00000122589 centromere protein A, 17kDa
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