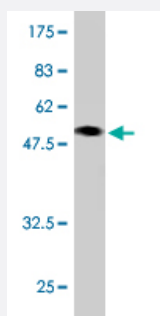# CBX3 monoclonal antibody (M02A), clone S3

Catalog #   H00011335-M02A   Size   200 uL

Applications

Western Blot detection against Immunogen (45.87 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant CBX3.
Immunogen	CBX3 (AAH00954, 1 a.a. ~ 183 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MASNKTTLQKMGKKQNGKSKKVEEAEPEEFVVEKVLDRRVVNGKVEYFLKWKGFTDADNTWE PEENLDCPELIEAFLNSQKAGKEKDGTKRKSLSDSESDDSKSKKKRDAADKPRGFARGLDPERII GATDSSGELMLLMKWKDSDEADLVLAKEANMKCPQIVIAFYEERLTWHSCPEDEAQ
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (100); Rat (100)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (45.87 KDa) .
Storage Buffer	In ascites fluid
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

  [Protocol Download](#)

- ELISA

Gene Info — CBX3

Entrez GeneID	[11335](#)
GeneBank Accession#	[BC000954](#)
Protein Accession#	[AAH00954](#)
Gene Name	CBX3
Gene Alias	HECH, HP1-GAMMA, HP1Hs-gamma
Gene Description	chromobox homolog 3 (HP1 gamma homolog, Drosophila)
Omim ID	[604477](#)
Gene Ontology	[Hyperlink](#)
Gene Summary	At the nuclear envelope, the nuclear lamina and heterochromatin are adjacent to the inner nuclear membrane. The protein encoded by this gene binds DNA and is a component of heterochromatin. This protein also can bind lamin B receptor, an integral membrane protein found in the inner nucle ar membrane. The dual binding functions of the encoded protein may explain the association of h eterochromatin with the inner nuclear membrane. Two transcript variants encoding the same prote in but differing in the 5' UTR, have been found for this gene. [provided by RefSeq
Other Designations	HP1 gamma homolog|OTTHUMP00000024529|OTTHUMP00000122519|chromobox homolog 3| heterochromatin protein HP1 gamma|heterochromatin-like protein 1