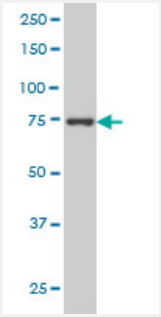
CRSP6 monoclonal antibody (M01), clone 4D4

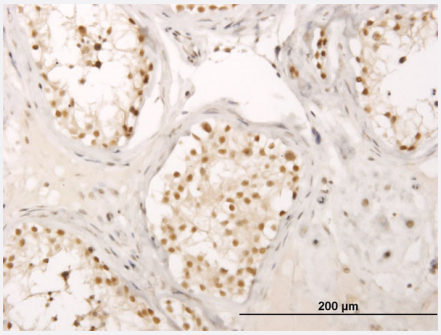
Catalog # H00009440-M01 Size 100 ug

Applications



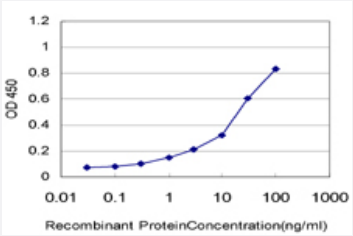
Western Blot (Cell lysate)

CRSP6 monoclonal antibody (M01), clone 4D4 Western Blot analysis of CRSP6 expression in Hela S3 NE (Cat # L013V3).



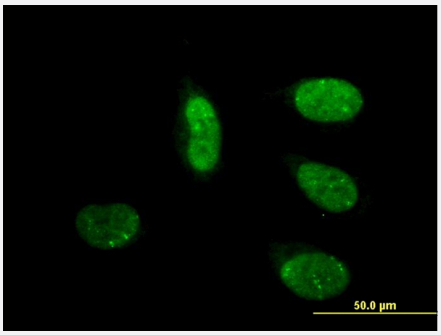
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to CRSP6 on formalin-fixed paraffin-embedded human testis. [antibody concentration 1.2 ug/ml]



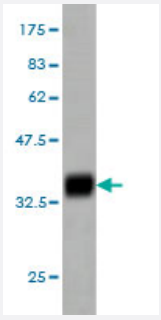
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CRSP6 is approximately 0.3ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to CRSP6 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.85 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant CRSP6.
Immunogen	CRSP6 (AAH21101, 551 a.a. ~ 651 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	FSNHVGLGPIESIGNASAITVASPSGDYAISVRNGPESGSKIMVQFPRNQCKDLPKSDVLQDNKW SHLRGPFKEVQWNKMEGRNFVYKMELLMSALSPCLL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (95); Rat (96)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.85 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)

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  Protocol Download

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- ELISA

- Immunofluorescence

  Immunofluorescence of monoclonal antibody to CRSP6 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — MED17

Entrez GeneID	9440
GeneBank Accession#	BC021101
Protein Accession#	AAH21101
Gene Name	MED17
Gene Alias	CRSP6, CRSP77, DRIP80, FLJ10812, TRAP80
Gene Description	mediator complex subunit 17
Omim ID	603810

Gene Ontology	Hyperlink
Gene Summary	The activation of gene transcription is a multistep process that is triggered by factors that recognize transcriptional enhancer sites in DNA. These factors work with co-activators to direct transcriptional initiation by the RNA polymerase II apparatus. The protein encoded by this gene is a subunit of the CRSP (cofactor required for SP1 activation) complex, which, along with TFIID, is required for efficient activation by SP1. This protein is also a component of other multisubunit complexes e.g. thyroid hormone receptor-(TR-) associated proteins which interact with TR and facilitate TR function on DNA templates in conjunction with initiation factors and cofactors. [provided by RefSeq
Other Designations	cofactor required for Sp1 transcriptional activation, subunit 6 (77kD)|cofactor required for Sp1 transcriptional activation, subunit 6, 77kDa|thyroid hormone receptor-associated protein, 80-KD subunit|vitamin D receptor interacting protein 80-kD

Publication Reference

- Human mediator MED17 subunit plays essential roles in gene regulation by associating with the transcription and DNA repair machineries.

  Kikuchi Y, Umemura H, Nishitani S, Iida S, Fukasawa R, Hayashi H, Hirose Y, Tanaka A, Sugasawa K, Ohkuma Y.

  Genes to cells 2015 Mar; 20(3):191.

  Application: IS, WB-Tr, Human, MCF-7 cells

- Identification of target genes for the CDK subunits of the Mediator complex.

  Tsutsui T, Fukasawa R, Tanaka A, Hirose Y, Ohkuma Y.

  Genes to Cells 2011 Dec; 16(12):1208.

  Application: WB-Tr, Human, HeLa cells