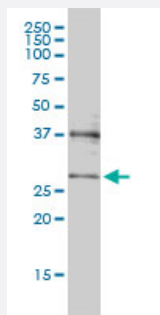


CRSP9 monoclonal antibody (M01), clone 3E7

Catalog # H00009443-M01

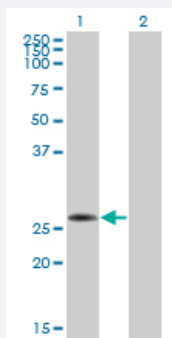
Size 100 ug

Applications



Western Blot (Cell lysate)

CRSP9 monoclonal antibody (M01), clone 3E7 Western Blot analysis of CRSP9 expression in Jurkat (Cat # L017V1).

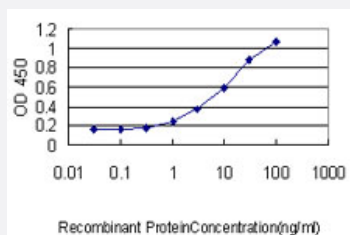


Western Blot (Transfected lysate)

Western Blot analysis of CRSP9 expression in transfected 293T cell line by CRSP9 monoclonal antibody (M01), clone 3E7.

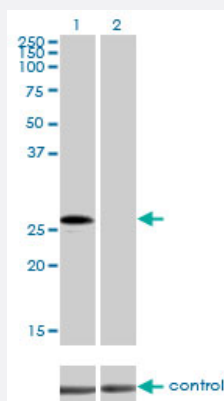
Lane 1: CRSP9 transfected lysate(27.2 KDa).

Lane 2: Non-transfected lysate.



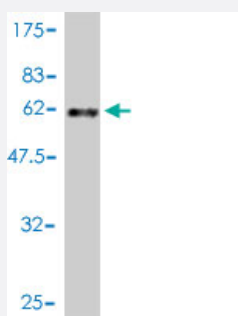
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CRSP9 is approximately 0.3ng/ml as a capture antibody.



RNAi Knockdown (Antibody validated)

Western blot analysis of CRSP9 over-expressed 293 cell line, cotransfected with CRSP9 Validated Chimera RNAi (Cat # H00009443-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with CRSP9 monoclonal antibody (M01), clone 3E7 (Cat # H00009443-M01). GAPDH (36.1 kDa) used as specificity and loading control.



Western Blot detection against Immunogen (51.37 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant CRSP9.
Immunogen	CRSP9 (AAH05250, 1 a.a. ~ 233 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MGEPQQVSALPPPPMQYKEYTDENIQEGLAPKPPPPKDSYMMFGNQFQCDDLIIRPLESQGIER LHPMQFDHKKELRKLNMSILINFLDLLILIRSPGSIKREEKLEDLKLLFVHVHHLINERYPHQARETL RVMMEVQKRQRLETAERFQKHLERVIEMIQNCLASLPDDLPHSEAGMRVKTEPMDADDSNNCT GQNEHQRENSGHRRDQIIKDAALCVLIDEMNERP
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96); Rat (97)
Isotype	IgG2b kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (51.37 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)

CRSP9 monoclonal antibody (M01), clone 3E7 Western Blot analysis of CRSP9 expression in Jurkat (Cat # L017V1).

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- Western Blot (Transfected lysate)

Western Blot analysis of CRSP9 expression in transfected 293T cell line by CRSP9 monoclonal antibody (M01), clone 3E7.

Lane 1: CRSP9 transfected lysate(27.2 KDa).

Lane 2: Non-transfected lysate.

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- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CRSP9 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- RNAi Knockdown (Antibody validated)

Western blot analysis of CRSP9 over-expressed 293 cell line, cotransfected with CRSP9 Validated Chimera RNAi (Cat # H00009443-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with CRSP9 monoclonal antibody (M01), clone 3E7 (Cat # H00009443-M01). GAPDH (36.1 kDa) used as specificity and loading control.

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Gene Info — MED7

Entrez GeneID [9443](#)

GeneBank Accession# [BC005250](#)

Protein Accession# [AAH05250](#)

Gene Name	MED7
Gene Alias	CRSP33, CRSP9, MGC12284
Gene Description	mediator complex subunit 7
Omim ID	605045
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. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000160735 cofactor required for Sp1 transcriptional activation, subunit 9 (33kD) cofactor required for Sp1 transcriptional activation, subunit 9, 33kDa

Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [HIV Infections](#)