

CRSP9 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a full length recombinant CRSP9.****Catalog # AT1635a****Specification**

CRSP9 Antibody (monoclonal) (M01) - Product Information

Application	WB, E
Primary Accession	O43513
Other Accession	BC005250
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2b kappa
Calculated MW	27245

CRSP9 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 9443**Other Names**

Mediator of RNA polymerase II transcription subunit 7, hMED7, Activator-recruited cofactor 34 kDa component, ARC34, Cofactor required for Sp1 transcriptional activation subunit 9, CRSP complex subunit 9, Mediator complex subunit 7, RNA polymerase transcriptional regulation mediator subunit 7 homolog, Transcriptional coactivator CRSP33, MED7, ARC34, CRSP9

Target/Specificity

CRSP9 (AAH05250, 1 a.a. ~ 233 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

CRSP9 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

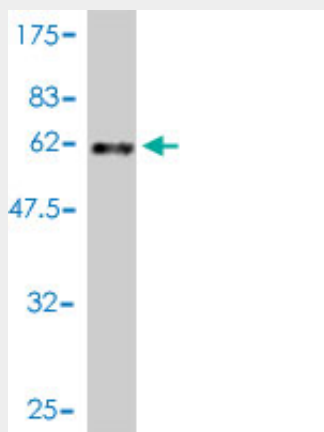
CRSP9 Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

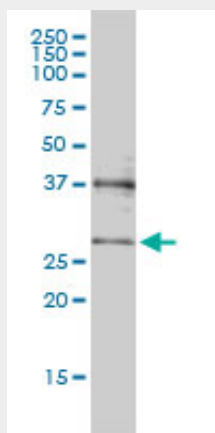
- [Western Blot](#)

- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

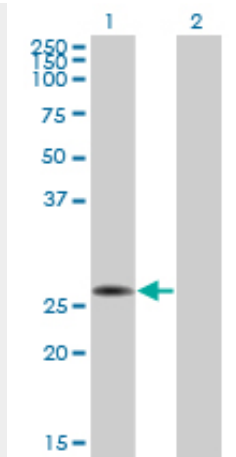
CRSP9 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (51.37 KDa) .



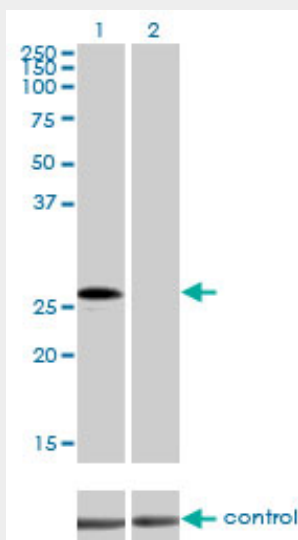
CRSP9 monoclonal antibody (M01), clone 3E7 Western Blot analysis of CRSP9 expression in Jurkat (Cat # AT1635a)



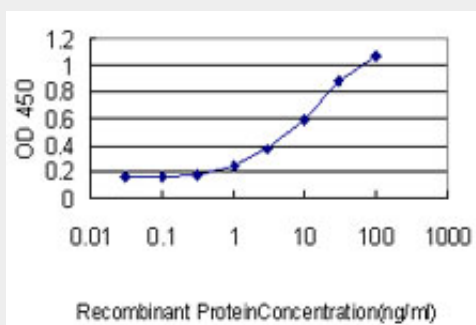
Western Blot analysis of CRSP9 expression in transfected 293T cell line by CRSP9 monoclonal antibody (M01), clone 3E7.

Lane 1: CRSP9 transfected lysate(27.2 KDa).

Lane 2: Non-transfected lysate.



Western blot analysis of CRSP9 over-expressed 293 cell line, cotransfected with CRSP9 Validated Chimera RNAi (Cat # AT1635a)



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

CRSP9 Antibody (monoclonal) (M01) - Background

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]