

## CRSP6 Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a partial recombinant CRSP6. Catalog # AT1632a

## **Specification**

## CRSP6 Antibody (monoclonal) (M02) - Product Information

**Application** IF, WB, E **Primary Accession** O9NVC6 Other Accession BC021101 Reactivity Human Host mouse Clonality **Monoclonal** Isotype IgG1 Kappa Calculated MW 72890

## CRSP6 Antibody (monoclonal) (M02) - Additional Information

#### **Gene ID 9440**

### **Other Names**

Mediator of RNA polymerase II transcription subunit 17, Activator-recruited cofactor 77 kDa component, ARC77, Cofactor required for Sp1 transcriptional activation subunit 6, CRSP complex subunit 6, Mediator complex subunit 17, Thyroid hormone receptor-associated protein complex 80 kDa component, Trap80, Transcriptional coactivator CRSP77, Vitamin D3 receptor-interacting protein complex 80 kDa component, DRIP80, MED17, ARC77, CRSP6, DRIP77, DRIP80, TRAP80

### **Target/Specificity**

CRSP6 (AAH21101, 551 a.a.  $\sim$  651 a.a) partial 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**

CRSP6 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

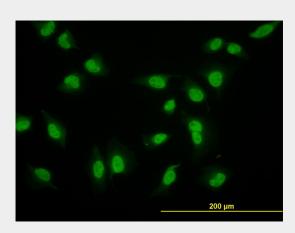
## CRSP6 Antibody (monoclonal) (M02) - Protocols

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

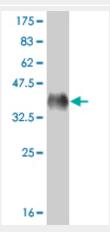


- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

# CRSP6 Antibody (monoclonal) (M02) - Images

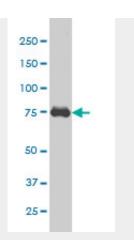


Immunofluorescence of monoclonal antibody to CRSP6 on HeLa cell. [antibody concentration 10 ug/ml]

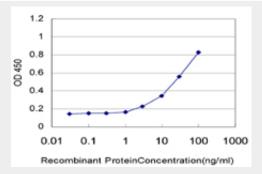


Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen  $(36.85\ \text{KDa})$ .





CRSP6 monoclonal antibody (M02), clone 1B5 Western Blot analysis of CRSP6 expression in Hela S3 NE ( (Cat # AT1632a )



Detection limit for recombinant GST tagged CRSP6 is approximately 3ng/ml as a capture antibody.

# CRSP6 Antibody (monoclonal) (M02) - 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.

## CRSP6 Antibody (monoclonal) (M02) - References

1.Mediator complex recruits epigenetic regulators via its two cyclin-dependent kinase subunits to repress transcription of immune-response genes.Tsutsui T, Fukasawa R, Shinmyouzu K, Nakagawa R, Tobe K, Tanaka A, Ohkuma YJ Biol Chem. 2013 Jun 9.