## CRSP6 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant CRSP6.
Catalog \# AT1631a

## Specification

## CRSP6 Antibody (monoclonal) (M01) - Product Information

Application
Primary Accession
Other Accession
Reactivity
Host
Clonality
Isotype
Calculated MW

IF, WB, IHC, E
Q9NVC6
BC021101
Human
mouse
Monoclonal
IgG1 Kappa
72890

## CRSP6 Antibody (monoclonal) (M01) - 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 $-20^{\circ} \mathrm{C}$ or lower. Aliquot to avoid repeated freezing and thawing.

## Precautions

CRSP6 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

## CRSP6 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 Cytomety
- Cell Culture

CRSP6 Antibody (monoclonal) (M01) - Images


Immunofluorescence of monoclonal antibody to CRSP6 on HeLa cell. [antibody concentration 10 $\mathrm{ug} / \mathrm{ml}$ ]


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.85 KDa) .


CRSP6 monoclonal antibody (M01), clone 4D4 Western Blot analysis of CRSP6 expression in Hela S3 NE ( (Cat \# AT1631a )


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


Detection limit for recombinant GST tagged CRSP6 is approximately $0.3 \mathrm{ng} / \mathrm{ml}$ as a capture antibody.

## CRSP6 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.

CRSP6 Antibody (monoclonal) (M01) - References
1.Identification of target genes for the CDK subunits of the Mediator complex.Tsutsui T, Fukasawa R, Tanaka A, Hirose Y, Ohkuma Y.Genes Cells. 2011 Nov 27. doi: 10.1111/ j.1365-2443. 2011.01565.x.

