

## CSDA Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a partial recombinant CSDA.

Catalog # AT1648a

### Specification

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

Application	WB, IHC, E
Primary Accession	<a href="#">P16989</a>
Other Accession	<a href="#">NM_003651</a>
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2b Kappa
Calculated MW	40090

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

Gene ID 8531

##### Other Names

Y-box-binding protein 3, Cold shock domain-containing protein A, DNA-binding protein A, Single-strand DNA-binding protein NF-GMB, YBX3, CSDA, DBPA

##### Target/Specificity

CSDA (NP\_003642, 241 a.a. ~ 330 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

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

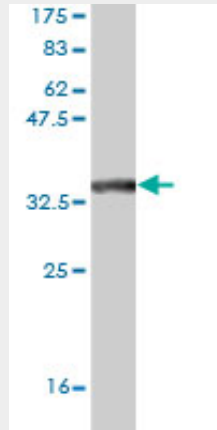
#### CSDA Antibody (monoclonal) (M02) - Protocols

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

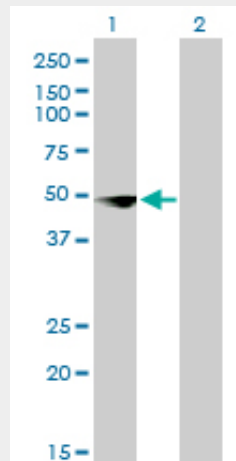
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### CSDA Antibody (monoclonal) (M02) - Images



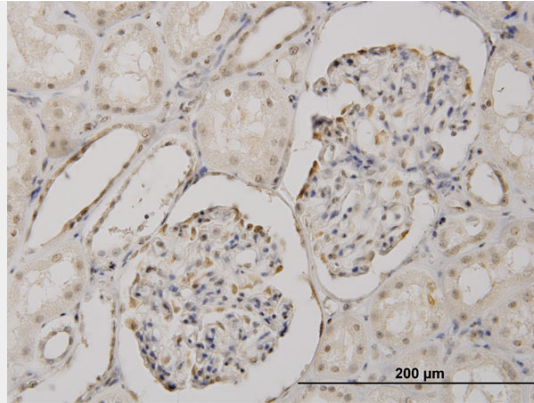
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.64 KDa) .



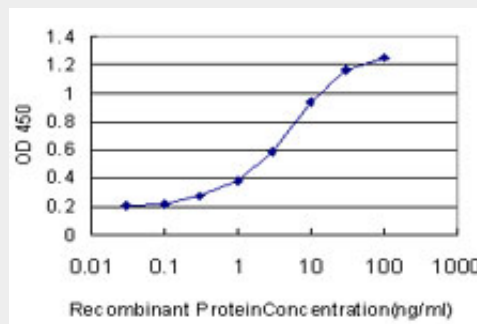
Western Blot analysis of CSDA expression in transfected 293T cell line by CSDA monoclonal antibody (M02), clone 4D9.

Lane 1: CSDA transfected lysate(40.1 KDa).

Lane 2: Non-transfected lysate.



Immunoperoxidase of monoclonal antibody to CSDA on formalin-fixed paraffin-embedded human kidney. [antibody concentration 3 ug/ml]



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

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

ZONAB promotes proliferation and represses differentiation of proximal tubule epithelial cells. Lima WR, et al. *J Am Soc Nephrol*, 2010 Mar. PMID 20133480. Upregulation of human DNA binding protein A (dbpA) in gastric cancer cells. Wang GR, et al. *Acta Pharmacol Sin*, 2009 Oct. PMID 19749785. A dominant negative mutant of the E. coli RNA helicase DbpA blocks assembly of the 50S ribosomal subunit. Sharpe Elles LM, et al. *Nucleic Acids Res*, 2009 Oct. PMID 19734347. The metastasis efficiency modifier ribosomal RNA processing 1 homolog B (RRP1B) is a chromatin-associated factor. Crawford NP, et al. *J Biol Chem*, 2009 Oct 16. PMID 19710015. The symplekin/ZONAB complex inhibits intestinal cell differentiation by the repression of AML1/Runx1. Buchert M, et al. *Gastroenterology*, 2009 Jul. PMID 19328795.