

**YY1 Antibody (monoclonal) (M02)**  
**Mouse monoclonal antibody raised against a partial recombinant YY1.**  
**Catalog # AT4563a**

**Specification**

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**YY1 Antibody (monoclonal) (M02) - Product Information**

Application	IF, WB, IHC, E
Primary Accession	<a href="#">P25490</a>
Other Accession	<a href="#">NM_003403</a>
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	44713

**YY1 Antibody (monoclonal) (M02) - Additional Information**

**Gene ID** 7528

**Other Names**

Transcriptional repressor protein YY1, Delta transcription factor, INO80 complex subunit S, NF-E1, Yin and yang 1, YY-1, YY1, INO80S

**Target/Specificity**

YY1 (NP\_003394, 221 a.a. ~ 320 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**

YY1 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

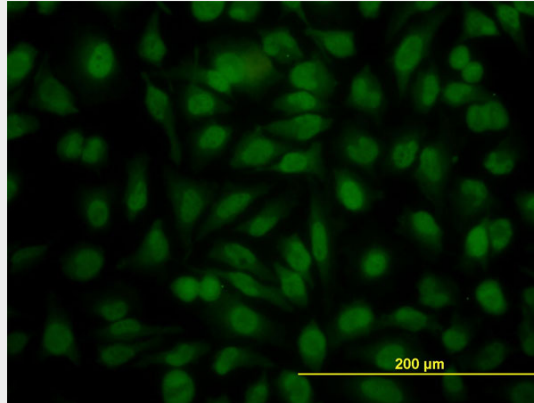
**YY1 Antibody (monoclonal) (M02) - Protocols**

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

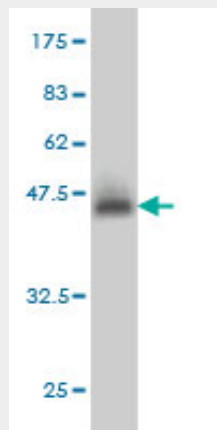
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

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

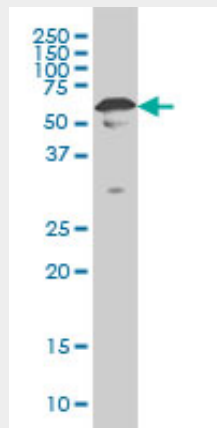
### YY1 Antibody (monoclonal) (M02) - Images



Immunofluorescence of monoclonal antibody to YY1 on HeLa cell. [antibody concentration 10 ug/ml]

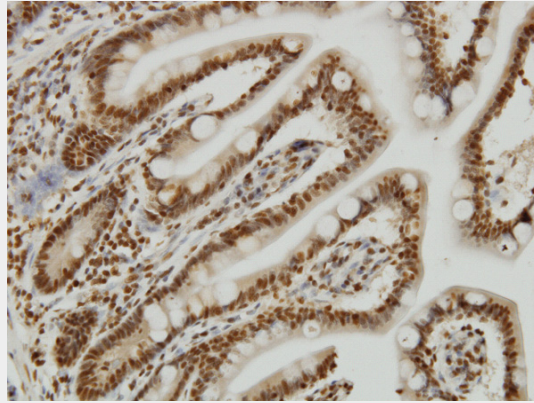


Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .

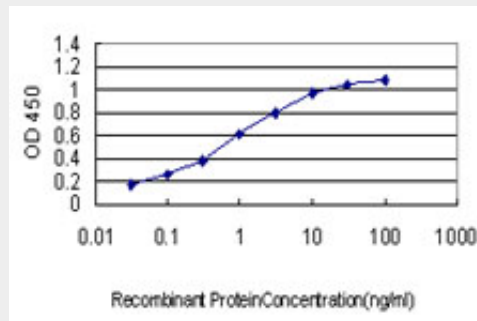


YY1 monoclonal antibody (M02), clone 4A5 Western Blot analysis of YY1 expression in HeLa S3 NE

( (Cat # AT4563a )



Immunoperoxidase of monoclonal antibody to YY1 on formalin-fixed paraffin-embedded human small Intestine. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged YY1 is approximately 0.03ng/ml as a capture antibody.

### **YY1 Antibody (monoclonal) (M02) - Background**

YY1 is a ubiquitously distributed transcription factor belonging to the GLI-Kruppel class of zinc finger proteins. The protein is involved in repressing and activating a diverse number of promoters. YY1 may direct histone deacetylases and histone acetyltransferases to a promoter in order to activate or repress the promoter, thus implicating histone modification in the function of YY1.

### **YY1 Antibody (monoclonal) (M02) - References**

1. Gene expression profiling of human hepatoblastoma using archived formalin-fixed and paraffin-embedded tissues. Shin E, Lee KB, Park SY, Kim SH, Ryu HS, Park YN, Yu E, Jang JJ. *Virchows Arch.* 2011 Mar 3. [Epub ahead of print]