

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

YY1 Antibody (monoclonal) (M02) - Product Information

Application	WB, IHC, IF, E
Primary Accession	P25490
Other Accession	NM_003403
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

IHC~~1:100~500

IF~~1:50~200

E~~N/A

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

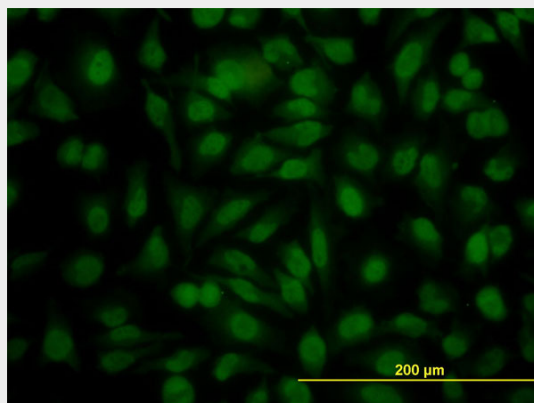
YY1 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

YY1 Antibody (monoclonal) (M02) - Protocols

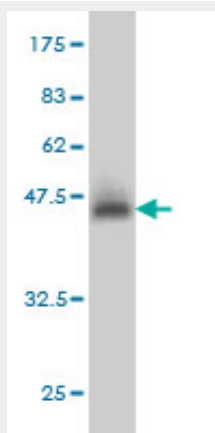
Provided below are standard protocols that you may find useful for product applications.

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

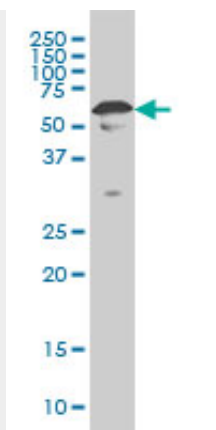
YY1 Antibody (monoclonal) (M02) - Images



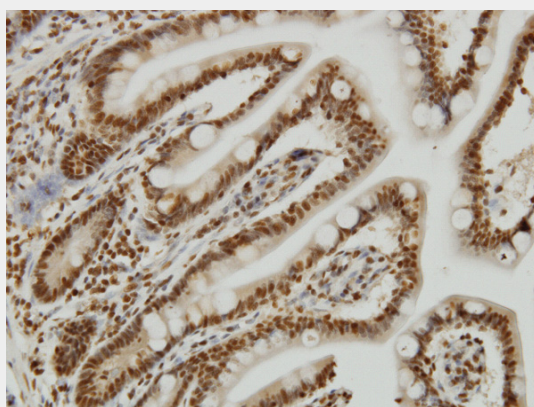
Immunofluorescence of monoclonal antibody to YY1 on HeLa cell. [antibody concentration 10 ug/ml]



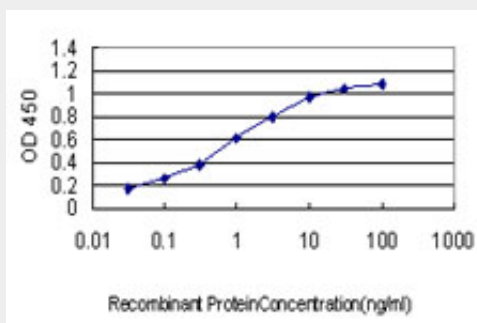
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .



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]