

Mouse YY1 Monoclonal Antibody | anti-YY1 antibody

YY1 (YY1 Transcription Factor, DELTA, INO80S, NF-E1, UCRBP, YIN-YANG-1) (HRP)

CATALOG # AAA26440	HOST Mouse	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

YY1; Monoclonal Antibody; YY1 (YY1 Transcription Factor; DELTA; INO80S; NF-E1; UCRBP; YIN-YANG-1) (HRP); YY1 Transcription Factor; YIN-YANG-1; anti-YY1 antibody

PRODUCT SPECIFICATIONS

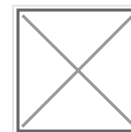
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	4A5
Specificity	Recognizes YY1.
Purity/Purification	Purified
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with horseradish peroxidase (HRP).
Applicable Applications for anti-YY1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	YY1 (NP_003394, 221aa-320aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	VTMWSSDEKKDIDHETVVEEQIIGENSPPDYSEYMTGKKLPGGIPGIDLSDPKQLAEFARMKPRKIKEDDAPRTIACPHKGCTKMFRDNSAMRKLHHTH
Conjugate	HRP
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES



Application Data

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

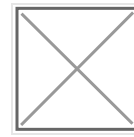


WB (Western Blot)

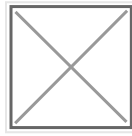
YY1 monoclonal antibody (M02), clone 4A5 Western Blot analysis of YY1 expression in Hela S3 NE (Cat # L013V3).

**IF (Immunofluorescence)**

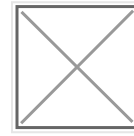
Immunofluorescence of monoclonal antibody to YY1 on HeLa cell. [antibody concentration 10 ug/ml]

**IF (Immunofluorescence)**

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

**IHC (Immunohistochemistry)**

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

**Application Data**

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

ADDITIONAL INFORMATION

Product Categories/Family for anti-YY1 antibody	Antibodies ; Transcription Factors
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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507955
NCBI GeneID	7528
NCBI Accession #	NP_003394
NCBI GenBank Nucleotide #	NM_003403.4
UniProt Accession #	P25490 ; Q14935
Molecular Weight	47.1kDa (437aa) confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher)
NCBI Official Full Name	transcriptional repressor protein YY1
NCBI Official Synonym Full Names	YY1 transcription factor
NCBI Official Symbol	YY1
NCBI Official Synonym Symbols	DELTA; NF-E1; UCRBP; GADEV5; INO80S; YIN-YANG-1
NCBI Protein Information	transcriptional repressor protein YY1
UniProt Protein Name	Transcriptional repressor protein YY1
UniProt Gene Name	YY1
UniProt Synonym Gene Names	INO80S; YY-1
UniProt Entry Name	TTY1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/yy1-antibody-clone-4a5-immunofluorescence-immunohistochemistry-western-blot-elisa/26440>