

Mouse YY1 Monoclonal Antibody | anti-YY1 antibody

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

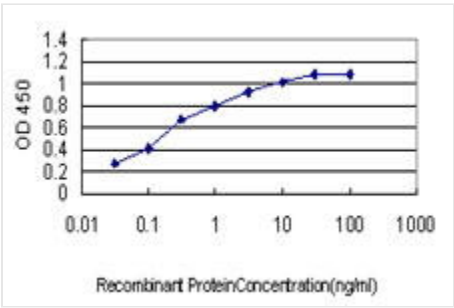
CATALOG # AAA26042	HOST Mouse	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

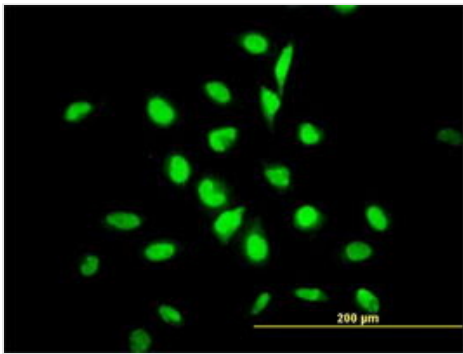
YY1; Monoclonal Antibody; YY1 (YY1 Transcription Factor; DELTA; INO80S; NF-E1; UCRBP; YIN-YANG-1) (APC); YY1 Transcription Factor; YIN-YANG-1; anti-YY1 antibody

PRODUCT SPECIFICATIONS

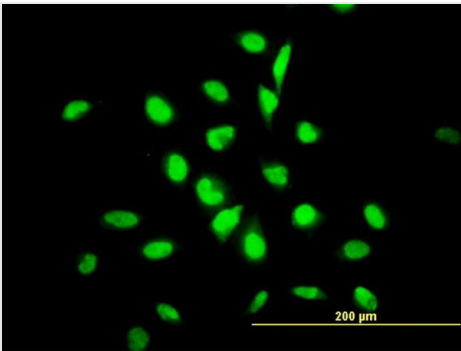
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	4D2
Specificity	Recognizes YY1.
Purity/Purification	Purified
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).
Applicable Applications for anti-YY1 antibody	IF (Immunofluorescence), IHC (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	VTMWSSDEKKDIDHETVVEEQIIGENSPPDYSEYMTGKKLPPGGIPGIDLSDPKQLAEFARMKPRKIKEDDAPRTIACPHKGCTKMFRDNSAMRKHLHTH
Conjugate	APC
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: APC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.



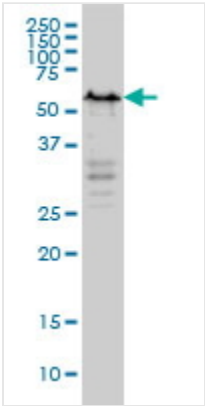
Application Data
Detection limit for recombinant GST tagged YY1 is approximately 0.03ng/ml as a capture antibody.



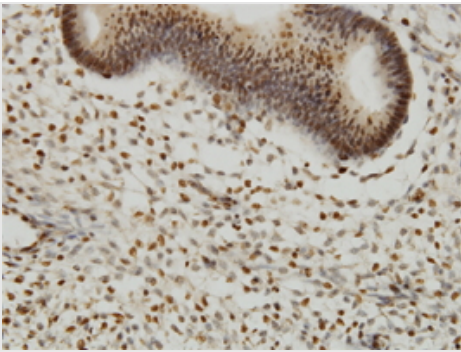
IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to YY1 on HeLa cell. [antibody concentration 10 ug/ml]



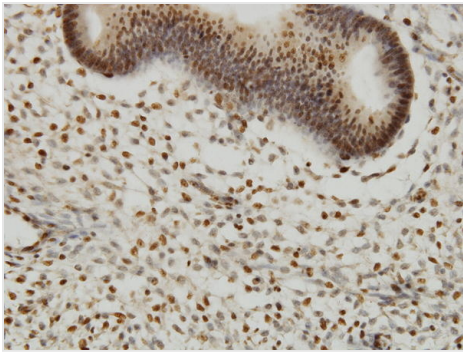
IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to YY1 on HeLa cell. [antibody concentration 10 ug/ml]



WB (Western Blot)
YY1 monoclonal antibody (M03), clone 4D2 Western Blot analysis of YY1 expression in HeLa S3 NE.



IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to YY1 on formalin-fixed paraffin-embedded human endometrium. [antibody concentration 3 ug/ml]



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

ADDITIONAL INFORMATION

Related Product Information for anti-YY1 antibody	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. [provided by RefSeq]
Product Categories/Family for anti-YY1 antibody	Antibodies; Transcription Factors

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://www.aaabiotech.com/monoclonal/yy1-antibody-clone-4d2-immunofluorescence-immunohistochemistry-western-blot-elisa/26042>