

Mouse anti-Human RuVBL1 Monoclonal Antibody | anti-RuVBL1 antibody

RuVBL1 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA48234	Mouse	Human	Immunofluorescence, Immunocytochemistry, Flow Cytometry, Functional Assay, Western Blot, ELISA

PRODUCT SYNONYMS

RuVBL1; Monoclonal Antibody; RuVBL1 antibody; RuvB-like 1; ECP54; INO80H; NMP238; PONTIN; Pontin52; RVB1; TIH1; TIP49; TIP49A; RuVBL 1; RuVBL-1; Pontin 52; NMP 238; NMP-238; TIP 49; TIP-49; anti-RuVBL1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a, k
Clone Number	AT1D6
Purity/Purification	By protein-A affinity chromatography
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	456
Applicable Applications for anti-RuVBL1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), FCM/FACS (Flow Cytometry), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant human RuVBL1 (1-456aa) purified from E. coli
Clone Note	Anti-human RuVBL1 mAb, clone AT1D6, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human RuVBL1 protein.
Preparation and Storage	Can be stored at 4 degree C. For long term storage, aliquot and store at -20 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



IF (Immunofluorescence)

ICC/IF analysis of RuVBL in HeLa cells line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human RuVBL antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green).



WB (Western Blot)

The cell lysate (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human RuVBL1 antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1 : Raji cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-RuVBL1 antibody	RuVBL1, also known as TIP49A, is a component of the NuA4 histone acetyltransferase complex which is involved in transcriptional activation of select genes principally by acetylation of nucleosomal histone H4 and H2A. This complex may be required for the activation of transcriptional programs associated with oncogene and proto oncogene mediated growth induction, tumor suppressor mediated growth arrest.
Product Categories/Family for anti-RuVBL1 antibody	Epigenomics
References	Jha S., et al. (2009) Mol Cell. 34 (5): 521-33.; Haurie V., et al. (2009) Hepatology. 50 (6): 1871-83.;

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506753
NCBI GeneID	8607
NCBI Accession #	NP_003698
NCBI GenBank Nucleotide #	NM_003707.2
UniProt Accession #	Q9Y265; P82276; Q1KMR0; Q53HK5; Q53HL7; Q53Y27; Q9BSX9; B2R5S0
Molecular Weight	42,127 Da
NCBI Official Full Name	ruvB-like 1 isoform 1
NCBI Official Synonym Full Names	RuvB like AAA ATPase 1
NCBI Official Symbol	RUVBL1
NCBI Official Synonym Symbols	RVB1; TIH1; ECP54; TIP49; ECP-54; INO80H; NMP238; PONTIN; TIP49A; NMP 238; Pontin52
NCBI Protein Information	ruvB-like 1
UniProt Protein Name	RuvB-like 1
UniProt Gene Name	RUVBL1
UniProt Synonym Gene Names	INO80H; NMP238; TIP49; TIP49A; 49 kDa TBP-interacting protein; ECP-54; NMP 238; TAP54-alpha

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.