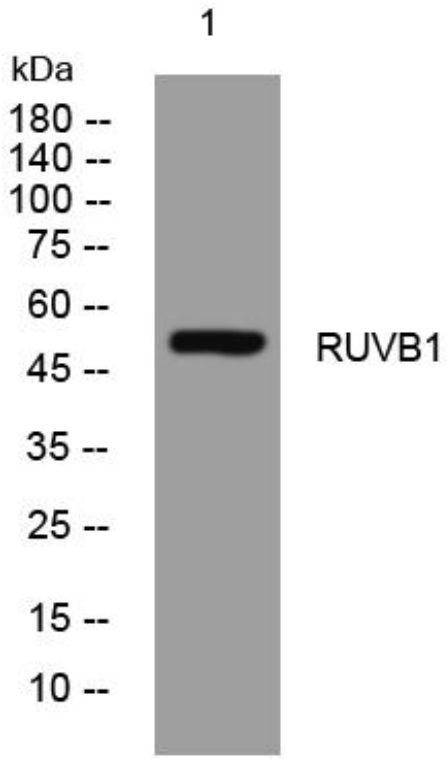
RUVB1 mouse mAb

Catalog No	YP-mAb-11964
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	RUVBL1 INO80H NMP238 TIP49 TIP49A
Protein Name	RUVB1
Immunogen	Synthesized peptide derived from human RUVB1 AA range: 195-245
Specificity	This antibody detects endogenous levels of RUVB1 at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	Nucleus matrix. Nucleus, nucleoplasm. Cytoplasm . Membrane . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Dynein axonemal particle . Mainly localized in the nucleus, associated with nuclear matrix or in the nuclear cytosol, although it is also present in the cytoplasm and associated with the cell membranes. In prophase and prometaphase it is located at the centrosome and the branching microtubule spindles. After mitotic nuclear membrane disintigration it accumulates at the centrosome and sites of tubulin polymerization. As cells pass through metaphase and into telophase it is located close to the centrosome at the early phase of tubulin polymerization. In anaphase it accumulates at the zone of tubule interdigitation. In telophase it is found at polar tubule overlap,
Tissue Specificity	Ubiquitously expressed with high expression in heart, skeletal muscle and testis.
Function	domain:Binding to MYC is dependent on a Myc domain essential for oncogenic activity.,function:Essential for cell proliferation.,function:May be able to bind plasminogen at cell surface and enhance plasminogen activation.,function:Possesses single-stranded DNA-stimulated ATPase and ATP-dependent DNA helicase (3' to 5') activity. Component of the NuA4 histone acetyltransferase complex which is involved in transcriptional activation of select genes principally by acetylation of nucleosomal histones H4 and H2A. This

	modification may both alter nucleosome - DNA interactions and promote interaction of the modified histones with other proteins which positively regulate transcription. 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 and replicative senescence,
Background	This gene encodes a protein that has both DNA-dependent ATPase and DNA helicase activities and belongs to the ATPases associated with diverse cellular activities (AAA+) protein family. The encoded protein associates with several multisubunit transcriptional complexes and with protein complexes involved in both ATP-dependent remodeling and histone modification. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using RUVB1 mouse mAb