



DTX1 Mouse mAb

Catalog No	YP-mAb-18935
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	DTX1
Immunogen	Synthesized peptide derived from human DTX1
Specificity	This antibody detects endogenous levels of DTX1 at Human, Mouse
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 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	hDx-1;RNF140;DTX1;E3 ubiquitin-protein ligase DTX1 (Protein deltex-1) (Deltex1) (hDTX1)
Observed Band	67-72kDa
Calculated Molecular Weight	67kDa
Cell Pathway	Cytoplasm. Nucleus. Predominantly cytoplasmic. Associates with endocytic vesicles. Partially nuclear.
Tissue Specificity	Widely expressed. Strongly expressed in blood vessel. Also expressed in embryonic nervous system, pancreas, lung, adrenal gland, digestive tube and muscles. Expressed in MZB cells and developing B- and T-cells.
Function	Functions as a ubiquitin ligase protein in vivo, mediating ubiquitination and promoting degradation of MEKK1, suggesting that it may regulate the Notch pathway via some ubiquitin ligase activity (By similarity). Regulator of Notch signaling, a signaling pathway involved in cell-cell communications that regulates a broad spectrum of cell-fate determinations. Mainly acts as a positive regulator of Notch, but it also acts as a negative regulator, depending on the developmental and cell context. Mediates the antineural activity of Notch, possibly by inhibiting the transcriptional activation mediated by MATCH1. Involved in neurogenesis, lymphogenesis and myogenesis, and may also be



involved in MZB (Marginal zone B) cell differentiation. Promotes B-cell development at the expense of T-cell development, suggesting that it can antagonize NOTCH1.

Background

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