



MSL1 mouse mAb

Catalog No	YP-mAb-18185
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	MSL1 MSL1L1
Immunogen	Synthesized peptide derived from human MSL1
Specificity	This antibody detects endogenous levels of MSL1 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 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	MSL-1;MSL1;MSL1 MSL1L1;Male-specific lethal 1 homolog (MSL-1) (Male-specific lethal 1-like 1) (MSL1-like 1) (Male-specific lethal-1 homolog 1)
Observed Band	80kDa
Calculated Molecular Weight	67kDa
Cell Pathway	Nucleus . Nucleus, nucleoplasm . Nucleus speckle .
Tissue Specificity	
Function	Component of histone acetyltransferase complex responsible for the majority of histone H4 acetylation at 'Lys-16' (H4K16ac) which is implicated in the formation of higher-order chromatin structure . Greatly enhances MSL2 E3 ubiquitin ligase activity, promoting monoubiquitination of histone H2B at 'Lys-34' (H2BK34Ub) . This modification in turn stimulates histone H3 methylation at 'Lys-4' (H3K4me) and 'Lys-79' (H3K79me) and leads to gene activation, including that of HOXA9 and MEIS1 . In the MSL complex, acts as a scaffold to tether MSL3 and KAT8 together for enzymatic activity regulation .
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