



USP9X mouse mAb

Catalog No	YP-mAb-17913
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	USP9X DFFRX FAM USP9
Protein Name	Probable ubiquitin carboxyl-terminal hydrolase FAF-X (EC 3.4.19.12) (Deubiquitinating enzyme FAF-X) (Fat facets in mammals) (hFAM) (Fat facets protein-related, X-linked) (Ubiquitin thioesterase FAF-X)
Immunogen	Synthesized peptide derived from human USP9X
Specificity	This antibody detects endogenous levels of USP9X 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	
Observed Band	281kD
Cell Pathway	Cytoplasm . Cell projection, growth cone . Cytoplasm, cytoskeleton, cilium axoneme .
Tissue Specificity	Widely expressed in embryonic and adult tissues.
Function	Deubiquitinase involved both in the processing of ubiquitin precursors and of ubiquitinated proteins . May therefore play an important regulatory role at the level of protein turnover by preventing degradation of proteins through the removal of conjugated ubiquitin . Specifically hydrolyzes 'Lys-63'-, 'Lys-48'-, 'Lys-29'- and 'Lys-33'-linked polyubiquitins chains . Essential component of TGF-beta/BMP signaling cascade . Specifically deubiquitinates monoubiquitinated SMAD4, opposing the activity of E3 ubiquitin-protein ligase TRIM33 . Deubiquitinates alkylation repair enzyme ALKBH3 . OTUD4 recruits USP7 and USP9X to stabilize ALKBH3, thereby promoting the repair of alkylated DNA lesions . Deubiquitinates mTORC2 complex component RICTOR at 'Lys-294' by removing 'Lys-63'-linked polyubiquitin chains, stabilizing RICTOR and enhancing its binding to MTOR, thus promoting mTORC2 complex assembly

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