FEM1C Mouse mAb

Catalog No	YP-mAb-19205
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	FEM1C KIAA1785
Protein Name	Protein fem-1 homolog C (FEM1c) (FEM1-gamma)
Immunogen	Synthesized peptide derived from human FEM1C
Specificity	This antibody detects endogenous levels of FEM1C 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	
Observed Band	
Calculated Molecular Weight	68kD
Cell Pathway	
Tissue Specificity	Widely expressed. Highly expressed in kidney, cardiac tissue, skeletal muscle and testis. Expressed at lower levels in other tissues, including cartilage.
Function	Substrate-recognition component of a Cul2-RING (CRL2) E3 ubiquitin-protein ligase complex of the DesCEND (destruction via C-end degrons) pathway, which recognizes a C-degron located at the extreme C terminus of target proteins, leading to their ubiquitination and degradation . The C-degron recognized by the DesCEND pathway is usually a motif of less than ten residues and can be present in full-length proteins, truncated proteins or proteolytically cleaved forms . The CRL2(FEM1C) complex specifically recognizes proteins with an arginine at the C-terminus: recognizes and binds proteins ending with -Lys/Arg-Xaa-Arg and -Lys/Arg-Xaa-Xaa-Arg C-degrons, such as SIL1 or OR51B2, leading to their ubiquitination and degradation . The CRL2(FEM1C) complex mediates ubiquitination and degradation of truncated MSRB1/SEPX1 selenoproteins produced by failed UGA/Sec decoding . Promotes ubiquitination and degradation of SLBP .

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.

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