



WTX mouse mAb

Catalog No	YP-mAb-17926
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	FAM123B WTX
Immunogen	Synthesized peptide derived from human WTX
Specificity	This antibody detects endogenous levels of WTX 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	AMER1;FAM123B;Protein FAM123B;WTX;FAM123B WTX;APC membrane recruitment protein 1 (Amer1) (Protein FAM123B) (Wilms tumor gene on the X chromosome protein)
Observed Band	125kD
Calculated Molecular Weight	124 kDa
Cell Pathway	Cytoplasm. Cell membrane; Peripheral membrane protein; Cytoplasmic side. Nucleus. Shuttles between nucleus and cytoplasm. Detected in nuclear paraspeckles that are found close to splicing speckles. Translocates to the cell membrane following binding to PtdIns(4,5)P2.
Tissue Specificity	Detected in fetal and adult kidney, brain and spleen.
Function	Regulator of the canonical Wnt signaling pathway. Acts by specifically binding phosphatidylinositol 4,5-bisphosphate (PtdIns(4,5)P2), translocating to the cell membrane and interacting with key regulators of the canonical Wnt signaling pathway, such as components of the beta-catenin destruction complex. Acts both as a positive and negative regulator of the Wnt signaling pathway, depending on the context: acts as a positive regulator by promoting LRP6 phosphorylation. Also acts as a negative regulator by acting as a scaffold protein for the beta-catenin destruction complex and promoting stabilization of Axin at



the cell membrane. Promotes CTNNB1 ubiquitination and degradation. Involved in kidney development.

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