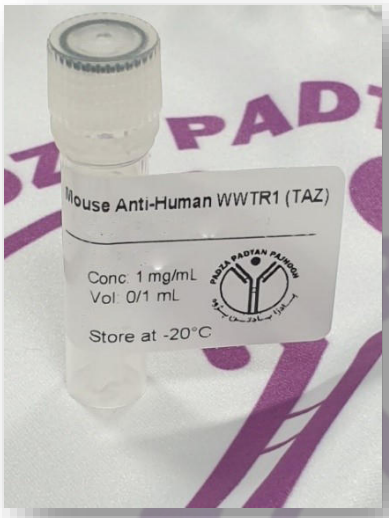
Product Datasheet



Mouse Anti-Human WWTR1/TAZ

Overview

Product number	**PDZMM126**
Host species	Mouse
Target species	Human
Suitable for:	IHC-P, WB, ELISA, Immunomicroscopy, Dot blot, ICC, IHC-Fr

Immunogen	A KLH-conjugated synthetic peptide derived from human TAZ (WWTR1) protein was used for immunization.
Conjugation	Unconjugated

Properties

Form	Liquid
Storage instructions	Shipped at 4 °C. Store at -20 °C. Avoid freeze/thaw cycle. Please see notes section.
Storage buffer	Phosphate buffered saline pH 7.4, contains stabilizer and ≤0.09% sodium azide.
Purity	immunogen affinity or SpG purified
Purification notes	This product was prepared by immunoaffinity chromatography using immunogen peptide coupled to Sepharose 4B.
Conjugation notes	-
Clonality	Monoclonal
Isotype	IgG
General notes	For extended storage aliquot contents and freeze at -20 °C or below. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4 °C as an undiluted liquid. Dilute only prior to immediate use. Our customer's feedback says the antibody worked great. If in case the antibody fails to give results then please contact our scientific support team for assistance.

Applications

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end-user.

Product Usage Information:
Application Dilutions

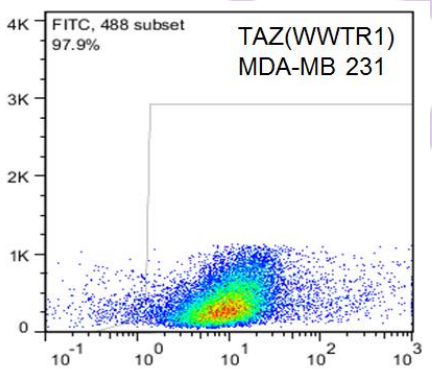
Western Blotting	3-5 ug/ml
Immunohistochemistry (Paraffin)	5-10 ug/ml
Immunohistochemistry (Frozen)	5-10 ug/ml
Immunofluorescence	5-10 ug/ml
Flow Cytometry	5-10 ug/ml

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Background:
WW domain-containing transcription regulator protein 1 is a protein that in humans is encoded by the WWTR1 gene. WWTR1 contains WW domain, coiled coil region, and PDZ domain-binding motif. WWTR1 It is a transcriptional coactivator which acts as a downstream regulatory target in the Hippo signaling pathway that plays a pivotal role in organ size control and tumor suppression by restricting proliferation and promoting apoptosis. The core of this pathway is composed of a kinase cascade wherein STK3(MST2)/STK4(MST1), in complex with its regulatory protein SAV1, phosphorylates and activates LATS1/LATS2 in complex with its regulatory protein MOB1, which in turn phosphorylates and inactivates YAP1 oncoprotein and WWTR1/TAZ. WWTR1 enhances PAX8 and NKX2-1(TTF1)-dependent gene activation.
Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA and 50% glycerol. Store at –20°C. After receiving aliquot the antibody and store at –20°C.

Terms and conditions
Guarantee only valid for products bought direct from PADZA or one of our authorized distributors

References:



Note: This product has originally been developed at Avicenna Research Institute, Tehran, IRAN and assigned to PADZA Company according to contract 98/15/191dated 98/01/10.