



TMEM65 Mouse mAb

Catalog No	YP-mAb-18982
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	TMEM65
Immunogen	Synthesized peptide derived from human TMEM65
Specificity	This antibody detects endogenous levels of TMEM65 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	Transmembrane protein 65;TMEM65
Observed Band	20-25 kDa
Calculated Molecular Weight	240 aa, 26 kDa
Cell Pathway	Cell membrane ; Multi-pass membrane protein . Mitochondrion inner membrane ; Multi-pass membrane protein . Localizes at the intercalated disk in the ventricular tissue (PubMed:26403541). .
Tissue Specificity	Predominantly expressed the ventricular tissue (at protein level).
Function	May play an important role in cardiac development and function. May regulate cardiac conduction and the function of the gap junction protein GJA1. May contribute to the stability and proper localization of GJA1 to cardiac intercalated disk thereby regulating gap junction communication (By similarity). May also play a role in the regulation of mitochondrial respiration and mitochondrial DNA copy number maintenance .
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