



REEP5 mouse mAb

Catalog No	YP-mAb-17248
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	REEP5 C5orf18 DP1 TB2
Immunogen	Synthesized peptide derived from human C-ternal REEP5
Specificity	This antibody detects endogenous levels of REEP5 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Mouse,Monoclonal
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	C5orf18;DP1;Polyposis locus protein 1;Protein TB2;Receptor expression-enhancing protein 5;REEP5;REEP5 C5orf18 DP1 TB2;Receptor expression-enhancing protein 5 (Polyposis locus protein 1) (Protein TB2)
Observed Band	18-21 kDa
Calculated Molecular Weight	21 kDa
Cell Pathway	Endoplasmic reticulum membrane ; Multi-pass membrane protein . Sarcoplasmic reticulum membrane ; Multi-pass membrane protein . Localizes to endoplasmic reticulum tubular network (PubMed:23969831). In cardiomyocytes, localizes to the junctional sarcoplasmic reticulum membrane which is closely tethered to the cell membrane and contractile machinery (By similarity). .
Tissue Specificity	Expressed in heart (at protein level) (PubMed:32075961). Expressed in circumvallate papillae and testis (PubMed:16720576).
Function	Plays an essential role in heart function and development by regulating the organization and function of the sarcoplasmic reticulum in cardiomyocytes.
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