



SERCA2 ATPase mouse mAb

Catalog No	YP-mAb-17978
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	ATP2A2
Immunogen	A synthesized peptide derived from human SERCA2
Specificity	Affinity Chromatography
Formulation	Liquid
Source	
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	ATP2A2;ATP2B;Sarcoplasmic/endoplasmic reticulum calcium ATPase 2; SERCA2;SR Ca(2+)-ATPase 2;Calcium pump 2;Calcium-transporting ATPase sarcoplasmic reticulum type;slow twitch skeletal muscle isoform;Endoplasmic reticulum class 1/2 Ca(2+) ATPase
Observed Band	Calculated MW: 115 kDa; Observed MW: 110,140 kDa
Calculated Molecular Weight	Calculated MW: 115 kDa; Observed MW: 110,140 kDa
Cell Pathway	
Tissue Specificity	
Function	
Background	This magnesium-dependent enzyme catalyzes the hydrolysis of ATP coupled with the translocation of calcium from the cytosol to the sarcoplasmic reticulum lumen. Isoform 2 is involved in the regulation of the contraction/relaxation cycle.
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