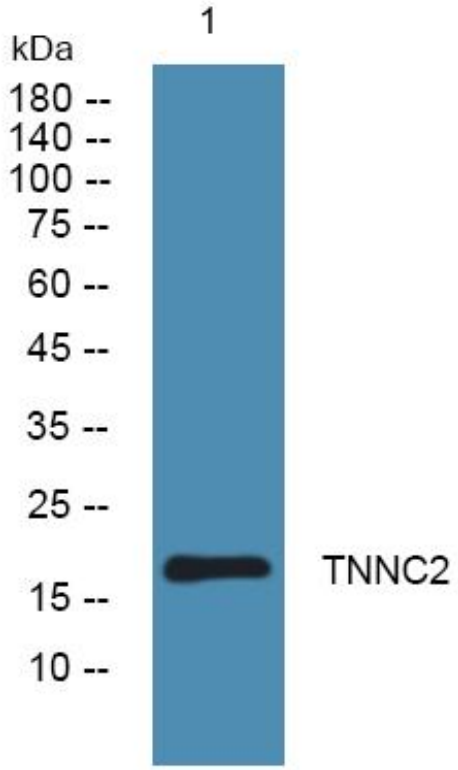
TNNC2 Monoclonal Antibody

Catalog No	BYmab-06322
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	TNNC2
Protein Name	Troponin C, skeletal muscle
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	TNNC2 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 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	
Observed Band	17kD
Cell Pathway	cytosol,troponin complex,
Tissue Specificity	Liver,Muscle,Skeletal muscle,Tongue,
Function	function:Troponin is the central regulatory protein of striated muscle contraction. Tn consists of three components: Tn-I which is the inhibitor of actomyosin ATPase, Tn-T which contains the binding site for tropomyosin and Tn-C. The binding of calcium to Tn-C abolishes the inhibitory action of Tn on actin filaments.,miscellaneous:Skeletal muscle troponin C binds four calcium ions.,similarity:Belongs to the troponin C family.,similarity:Contains 4 EF-hand domains.,
Background	Troponin (Tn), a key protein complex in the regulation of striated muscle contraction, is composed of 3 subunits. The Tn-I subunit inhibits actomyosin ATPase, the Tn-T subunit binds tropomyosin and Tn-C, while the Tn-C subunit binds calcium and overcomes the inhibitory action of the troponin complex on

	actin filaments. The protein encoded by this gene is the Tn-C subunit. [provided by RefSeq, Jul 2008],
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



Western Blot analysis of various cells using TNNC2 Monoclonal Antibody