



HSPB7 Monoclonal Antibody

Catalog No	BYmab-06619
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	HSPB7 CVHSP
Protein Name	Heat shock protein beta-7 (HspB7) (Cardiovascular heat shock protein) (cvHsp)
Immunogen	Synthesized peptide derived from human protein . at AA range: 100-180
Specificity	HSPB7 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	18kD
Cell Pathway	Cytoplasm . Nucleus . Nucleus, Cajal body . Resides in sub-nuclear structures known as SC35 speckles or nuclear splicing speckles.
Tissue Specificity	Isoform 1 is highly expressed in adult and fetal heart, skeletal muscle, and at a much lower levels in adipose tissue and in aorta. Undetectable in other tissues. Isoform 2 and isoform 3 are poorly detected in heart.
Function	similarity:Belongs to the small heat shock protein (HSP20) family.,subunit:Interacts with C-terminal domain of actin-binding protein 280.,tissue specificity:Isoform 1 is highly expressed in adult and fetal heart, skeletal muscle, and at a much lower levels in adipose tissue and in aorta. Undetectable in other tissues. Isoform 2 and isoform 3 are poorly detected in heart.,
Background	similarity:Belongs to the small heat shock protein (HSP20) family.,subunit:Interacts with C-terminal domain of actin-binding protein 280.,tissue specificity:Isoform 1 is highly expressed in adult and fetal heart, skeletal muscle, and at a much lower levels in adipose tissue and in aorta.

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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