

HSPB2 Antibody

Purified Mouse Monoclonal Antibody

Catalog # AO2045a

Product Information

Application	WB, FC, E
Primary Accession	Q16082
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	4B9E2
Isotype	IgG1
Calculated MW	20233
Description	The protein encoded by this gene belongs to the superfamily of small heat-shock proteins containing a conservative alpha-crystallin domain at the C-terminal part of the molecule. The protein is expressed preferentially in the heart and skeletal muscle. This protein regulates Myotonic Dystrophy Protein Kinase, which plays an important role in maintenance of muscle structure and function. [provided by RefSeq, Dec 2012]
Immunogen	Purified recombinant fragment of human HSPB2 (AA: 1-182) expressed in E. Coli.
Formulation	Purified antibody in PBS with 0.05% sodium azide

Additional Information

Gene ID	3316
Other Names	Heat shock protein beta-2, HspB2, DMPK-binding protein, MKBP, HSPB2
Dilution	WB~~1/500 - 1/2000 FC~~1/200 - 1/400 E~~1/10000
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	HSPB2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	HSPB2
Function	May regulate the kinase DMPK.

Cellular Location

Cytoplasm. Nucleus. Note=Localizes to nuclear foci

Tissue Location

Expressed preferentially in skeletal muscle and heart but not in the lens

References

Int J Oncol. 2011 Apr;38(4):1129-35. J Heart Lung Transplant. 2010 Jul;29(7):786-91.

Images

