

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 20233 **Calculated MW**

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

