

**HSPB2 Antibody**  
**Purified Mouse Monoclonal Antibody**  
**Catalog # AO2045a****Specification****HSPB2 Antibody - Product Information**

Application	WB, E, FC
Primary Accession	<a href="#">Q16082</a>
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	20.2kDa KDa

**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

**HSPB2 Antibody - Additional Information**

**Gene ID** 3316

**Other Names**

Heat shock protein beta-2, HspB2, DMPK-binding protein, MKBP, HSPB2

**Dilution**

WB~~1/500 - 1/2000

E~~1/10000

FC~~1/200 - 1/400

**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.

**HSPB2 Antibody - 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

**HSPB2 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)