

Product Name: HSPB2 Mouse Monoclonal Antibody**Catalog #: AMM81469**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	20.2kDa

Antigen Information

Gene Name	HSPB2
Alternative Names	MKBP; HSP27; Hs.78846; LOH11CR1K
Gene ID	3316.0
SwissProt ID	Q16082
Immunogen	Purified recombinant fragment of human HSPB2 (AA: 1-182) expressed in E. Coli.

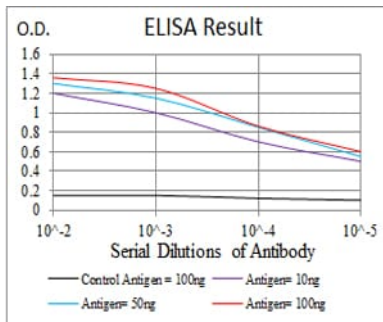
Background

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

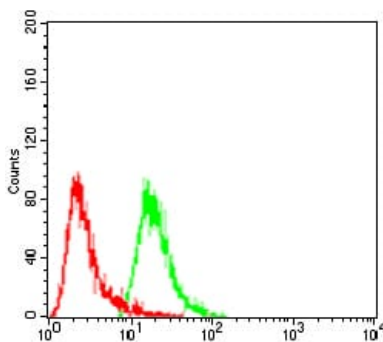
and function. [provided by RefSeq, Dec 2012]

Research Area

Image Data



Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



Flow cytometric analysis of A549 cells using HSPB2 mouse mAb (green) and negative control (red).