

Mouse Monoclonal Antibody to HSPB2

Catalogue Number sAP-1124

Target Molecule **Name:** HSPB2

Aliases: MKBP; HSP27; Hs.78846; LOH11CR1K

MW: 20.2kDa

Entrez Gene ID: 3316

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.

Reactive Species Human;

Clone MM4B9E2;

Size and Concentration 100µg/1mg/ml

Supplied as Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide

Reconstitution/Storages Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage

Applications ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: ; ICC: ; FCM: 1 to 200 - 1 to 400

Shipping Regular FEDEX overnight shipment (ambient temperature)

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

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**