
Product Name: HspB8 Mouse Monoclonal Antibody**Catalog #: AMM84978**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB
Reactivity	Human,Mouse,Rat
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,0.5%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000
Molecular Weight	Calculated MW: 22 kDa; Observed MW: 22 kDa

Antigen Information

Gene Name	HspB8 HSPB8; CRYAC; E2IG1; HSP22; PP1629; Heat shock protein beta-8; HspB8; Alpha-crystallin C
Alternative Names	chain; E2-induced gene 1 protein; Protein kinase H11; Small stress protein-like protein HSP22
Gene ID	26353.0
SwissProt ID	Q9UJY1
Immunogen	Purified recombinant protein expressed in E.coli.

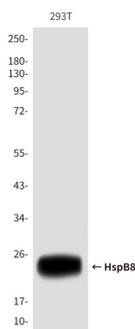
Background

HSPB8 (HSP22) is a member of the small heat shock protein superfamily and the human protein is most closely related to

HSP27. Similar to most other small HSPs (sHSPs), HSPB8 is predominantly transcribed in skeletal muscle and heart. In a two hybrid screen, HSPB8 interacted preferentially with a triple aspartate form of HSP27 which mimics HSP27 phosphorylated at Ser15, Ser78, and Ser82, as compared to wild-type HSP27.

Research Area

Image Data



Western blot analysis of HspB8 in 293Tlysates using HspB8 antibody.