

Product Name: HspB8 (1D7) Mouse Monoclonal Antibody
Catalog #: AMM00888

Summary

Production Name	HspB8 (1D7) Mouse Monoclonal Antibody
Description	Primary antibody
Host	Mouse
Application	WB
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purified

Immunogen

Gene Name	HSPB8 HSPB8; CRYAC; E2IG1; HSP22; PP1629; Heat shock protein beta-8; HspB8; Alpha-crystallin C chain; E2-induced gene 1 protein; Protein kinase H11; Small stress protein-like protein HSP22
Alternative Names	
Gene ID	26353
SwissProt ID	Q9UJY1

Application

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

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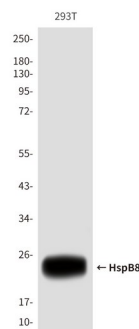
Background

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

Signal Transduction

Image Data



Western blot analysis of HspB8 (1D7) in 293T lysates using HspB8 (1D7) antibody.

Note

For research use only.