

KD-Validated Anti-Hsp22 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1014

Product Information

Application	WB, FC, ICC
Primary Accession	Q9UJY1
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	23GB1980
Calculated MW	21604
Gene Name	HSPB8
Aliases	HSPB8; Heat Shock Protein Family B (Small) Member 8; E2IG1; HSP22; CMT2L; H11; Small Stress Protein-Like Protein HSP22; Heat Shock 27kDa Protein 8; Heat Shock 22kDa Protein 8; Heat Shock Protein Beta-8; E2-Induced Gene 1 Protein; Alpha-Crystallin C Chain; Protein Kinase H11; HSPB8-N1; HSPB8-N2; DHMN2; HMN2A; CRYAC; HspB8; HMN2
Immunogen	A synthesized peptide derived from human HSPB8/HSP22

Additional Information

Gene ID	26353
Other Names	Heat shock protein beta-8, HspB8, Alpha-crystallin C chain, E2-induced gene 1 protein, Heat shock protein family B member 8, Protein kinase H11, Small stress protein-like protein HSP22, HSPB8, CRYAC, E2IG1, HSP22

Protein Information

Name	HSPB8
Synonyms	CRYAC, E2IG1, HSP22
Function	Involved in the chaperone-assisted selective autophagy (CASA), a crucial process for protein quality control, particularly in mechanical strained cells and tissues such as muscle. Displays temperature-dependent chaperone activity.
Cellular Location	Cytoplasm. Nucleus Note=Translocates to nuclear foci during heat shock
Tissue Location	Predominantly expressed in skeletal muscle and heart.

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