

HSPB2 / HSP27 Antibody (clone 8A7)
Mouse Monoclonal Antibody
Catalog # ALS16237**Specification**

HSPB2 / HSP27 Antibody (clone 8A7) - Product Information

Application	IHC, IF
Primary Accession	Q16082
Reactivity	Human, Mouse, Rat, Hamster, Pig, Bovine, Guinea Pig, Dog
Host	Mouse
Clonality	Monoclonal
Calculated MW	20kDa KDa

HSPB2 / HSP27 Antibody (clone 8A7) - Additional Information**Gene ID** 3316**Other Names**

Heat shock protein beta-2, HspB2, DMPK-binding protein, MKBP, HSPB2

Target/Specificity

Detects a 25kD or 27kD protein corresponding to the molecular mass of hsp25/27 on SDS PAGE immunoblots.

Reconstitution & Storage

Store at -20°C.

Precautions

HSPB2 / HSP27 Antibody (clone 8A7) is for research use only and not for use in diagnostic or therapeutic procedures.

HSPB2 / HSP27 Antibody (clone 8A7) - Protein Information**Name** HSPB2**Function**

May regulate the kinase DMPK.

Cellular Location

Cytoplasm. Nucleus. Note=Localizes to nuclear foci

Tissue Location

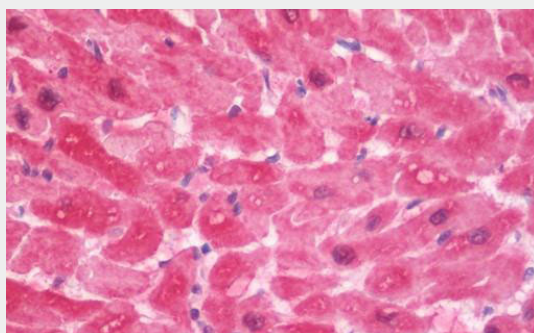
Expressed preferentially in skeletal muscle and heart but not in the lens

HSPB2 / HSP27 Antibody (clone 8A7) - Protocols

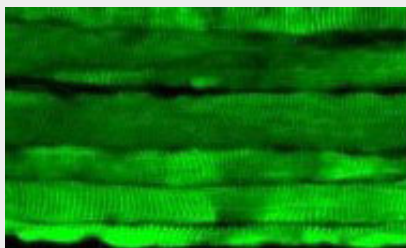
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

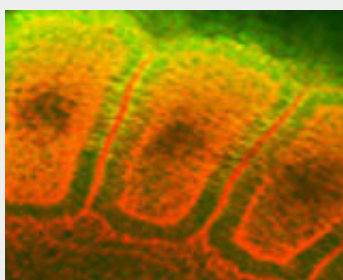
HSPB2 / HSP27 Antibody (clone 8A7) - Images



Anti-HSPB2 / HSP27 antibody IHC staining of human heart.



Hsp25-Hsp27 (8A7), Mouse epidermis, muscle.



Hsp25-Hsp27 (8A7), Somites of a rat embryo.

HSPB2 / HSP27 Antibody (clone 8A7) - Background

May regulate the kinase DMPK.

HSPB2 / HSP27 Antibody (clone 8A7) - References

Iwaki A., et al. Genomics 45:386-394(1997).
Suzuki A., et al. J. Cell Biol. 140:1113-1124(1998).
Ebert L., et al. Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.

Elisei R., et al. J. Endocrinol. Invest. 16:533-540(1993).
Vos M.J., et al. Biochim. Biophys. Acta 1793:1343-1353(2009).