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**Product Name: Hsp22 Rabbit Monoclonal Antibody****Catalog #: AMRe83865**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF,ICC
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.55mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:1000-1:2000,IHC 1:100-1:200,ICC/IF 1:50-1:200,ICC 1:50-1:200
<b>Molecular Weight</b>	22 kDa

**Antigen Information**

<b>Gene Name</b>	Hsp22
<b>Alternative Names</b>	CMT2L; CRYAC; DHMN2; E2IG1; H11; HMN2; HSPB8; HSP22;;HspB8
<b>Gene ID</b>	
<b>SwissProt ID</b>	Q9UJY1
<b>Immunogen</b>	A synthesized peptide derived from human HspB8

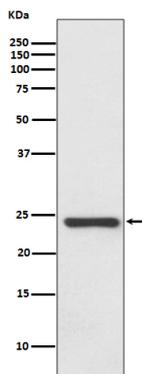
**Background**

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 expression of this gene is induced by estrogen in estrogen

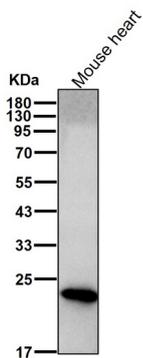
receptor-positive breast cancer cells, and this protein also functions as a chaperone in association with Bag3, a stimulator of macroautophagy.

## Research Area

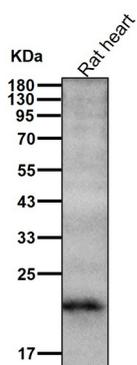
## Image Data



Western blot analysis of HSPB8/HSP22 expression in Human fetal heart lysate.



All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



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