



HSP β 2 Monoclonal Antibody

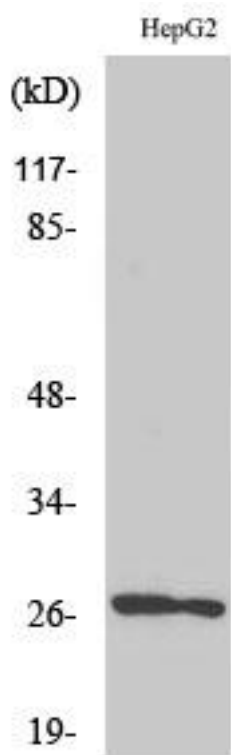
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|----------------------------------|---|
| Catalog No | YP-mAb-03918 |
| Isotype | IgG |
| Reactivity | Human;Mouse;Rat |
| Applications | WB |
| Gene Name | HSPB2 |
| Protein Name | Heat shock protein beta-2 |
| Immunogen | The antiserum was produced against synthesized peptide derived from human HSPB2. AA range:121-170 |
| Specificity | HSP β 2 Monoclonal Antibody detects endogenous levels of HSP β 2 protein. |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Source | Monoclonal, Mouse,IgG |
| Purification | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. |
| Dilution | WB 1:500-1:2000 |
| Concentration | 1 mg/ml |
| Purity | $\geq 90\%$ |
| Storage Stability | -20°C/1 year |
| Synonyms | HSPB2; Heat shock protein beta-2; HspB2; DMPK-binding protein; MKBP |
| Observed Band | 24kD |
| Cell Pathway | Cytoplasm . Nucleus . Localizes to nuclear foci. |
| Tissue Specificity | Expressed preferentially in skeletal muscle and heart but not in the lens. |
| Function | similarity:Belongs to the small heat shock protein (HSP20) family.,subunit:Associates specifically with myotonic dystrophy protein kinase (DMPK).,tissue specificity:Expressed preferentially in skeletal muscle and heart but not in the lens., |
| 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 protein is expressed preferentially in the heart and skeletal muscle. This protein regulates Myotonic Dystrophy Protein Kinase, which plays an important role in maintenance of muscle structure and function. [provided by RefSeq, Dec 2012], |
| matters needing attention | Avoid repeated freezing and thawing! |



Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using HSP β 2 Monoclonal Antibody