

## Datasheet

### HSPB2 monoclonal antibody, clone 5D12-A12

**Catalog Number:** MAB8564

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against full length native HSPB2.

**Clone Name:** 5D12-A12

**Immunogen:** Native purified human HSPB2.

**Host:** Mouse

**Reactivity:** Human

**Applications:** Flow Cyt

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Specificity:** This antibody is specific to HSPB2.

**Form:** Liquid

**Isotype:** IgG2b, kappa

**Recommend Usage:** The optimal working dilution should be determined by the end user.

**Storage Buffer:** In potassium phosphate, 150 mM NaCl, pH 7.2 (10 mg/mL BSA, 0.1% sodium azide)

**Storage Instruction:** Store at 4°C.

**Entrez GeneID:** 3316

**Gene Symbol:** HSPB2

**Gene Alias:** HSP27, Hs.78846, LOH11CR1K, MGC133245, MKBP

#### References:

1. Structure and function of the small heat shock protein/alpha-crystallin family of molecular chaperones.

Van Montfort R, Slingsby C, Vierling E. Adv Protein Chem. 2001;59:105-56.

2. Heat shock proteins in human cancer. Sarto C, Binz PA, Mocarelli P. Electrophoresis. 2000 Apr;21(6):1218-26.

3. Crystal structure of a small heat-shock protein. Kim KK, Kim R, Kim SH. Nature. 1998 Aug 6;394(6693):595-9.