

## Anti-HSPB1 [SAIC-23E-30] Standard Size Ab00315-23.0

**Isotype and Format:** Rabbit IgG, Kappa

**Clone Number:** SAIC-23E-30

**Alternative Name(s) of Target:** Heat shock protein beta-1; 28 kDa heat shock protein; Estrogen-regulated 24 kDa protein; Heat shock 27 kDa protein; HSP 27; Stress-responsive protein 27; SRP27; HSP27; HSP28

**UniProt Accession Number of Target Protein:** P04792

**Published Application(s):** immunoMRM

**Published Species Reactivity:** Human

**Immunogen:** Peptide "LFDQAFGLPR" derived from Heat shock protein beta-1, involved in stress resistance and actin organisation, conjugated to KLH.

**Specificity:** Recognises human HSPB1.

**Application Notes:** Original data characterizing this antibody may be found [here](#).

**Antibody First Published in:** Schoenherr et al. Anti-peptide monoclonal antibodies generated for immuno-multiple reaction monitoring-mass spectrometry assays have a high probability of supporting Western blot and ELISA. Mol Cell Proteomics [PMID:25512614](#)

**Note on publication:** Describes generation a panel of recombinant antibodies using synthetic peptides of human proteins as well as validation using ELISA and multiple reaction monitoring-mass spectrometry.

## Product Form

**Size:** 200 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

**Concentration:** 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.