

Anti-HSPB8 antibody (1-100) [S4MR] (STJ11101424)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

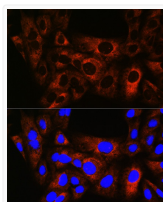
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 22kDa Observed Mw: 24kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

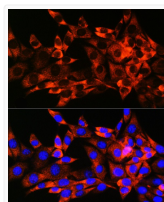
Gene ID	26353
Gene Symbol	HSPB8
UniProt ID	HSPB8_HUMAN
Immunogen Region	1-100
Immunogen Sequence	MADGQMPFSCHYPSRLRRDP FRDSPLSRLDDGFGMDPF PDDLTA SWPDWALPRLSSAW PGTLRSGMVPRGPTATARFG VPAEGRTPPFPGE PWKVCV
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human HSPB8/HSP22 (Q9UJY1).

ADDITIONAL INFORMATION

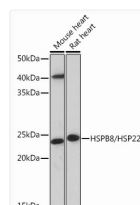
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Immunofluorescence analysis of U-2 OS cells using HSPB8/HSP22 Rabbit monoclonal antibody (STJ11101424) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH-3T3 cells using HSPB8/HSP22 Rabbit monoclonal antibody (STJ11101424) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using HSPB8/HSP22 Rabbit monoclonal antibody (STJ11101424) at 1: 1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3min.