



Datasheet for ABIN525708
anti-HSPB8 antibody (AA 97-196)



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3 Images

Overview

Quantity:	100 µg
Target:	HSPB8
Binding Specificity:	AA 97-196
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HSPB8 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant HSPB8.
Immunogen:	HSPB8 (NP_055180, 97 a.a. ~ 196 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	KVCVNVHSFK PEELMVKTKD GYVEVSGKHE EKQQEGGIVS KNFTKKIQLP AEVDPVTVFA SLSPEGLLII EAPQVPPYST FGESSFNNEL PQDSQEVCT
Clone:	5D7
Isotype:	IgG2b
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	HSPB8
Alternative Name:	HSPB8 (HSPB8 Products)
Background:	Full Gene Name: heat shock 22 kDa protein 8 Synonyms: CMT2L,DHMN2,E2IG1,H11,HMN2,HMN2A,HSP22
Gene ID:	26353
NCBI Accession:	NM_014365

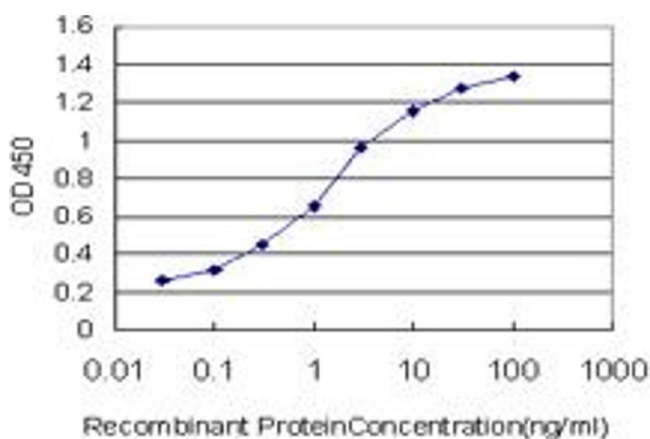
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

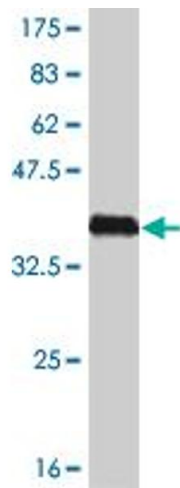
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



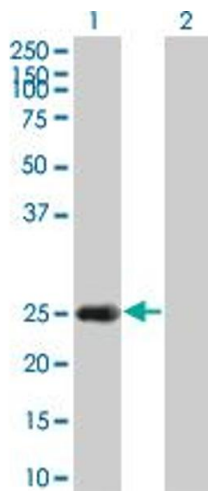
ELISA

Image 1. Detection limit for recombinant GST tagged HSPB8 is approximately 0.03ng/ml as a capture antibody.



Western Blotting

Image 2. Western Blot detection against Immunogen (36.74 KDa) .



Western Blotting

Image 3. Western Blot analysis of HSPB8 expression in transfected 293T cell line by HSPB8 monoclonal antibody (M02), clone 5D7.

Lane 1: HSPB8 transfected lysate(35.446 KDa).

Lane 2: Non-transfected lysate.