

Product datasheet for **CF501310**

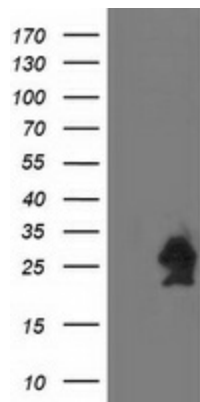
cvHSP (HSPB7) Mouse Monoclonal Antibody [Clone ID: OTI1D11]

Product data:

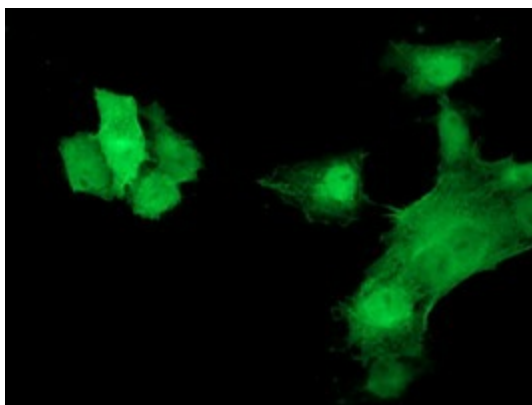
Product Type:	Primary Antibodies
Clone Name:	OTI1D11
Applications:	FC, IF, WB
Recommended Dilution:	WB 1:2000, IF 1:100, FLOW 1:100
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human HSPB7(NP_055239) produced in HEK293T cell.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	18.4 kDa
Gene Name:	heat shock protein family B (small) member 7
Database Link:	NP_055239 Entrez Gene 29818 Mouse Entrez Gene 50565 Rat Entrez Gene 27129 Human Q9UBY9
Synonyms:	cvHSP



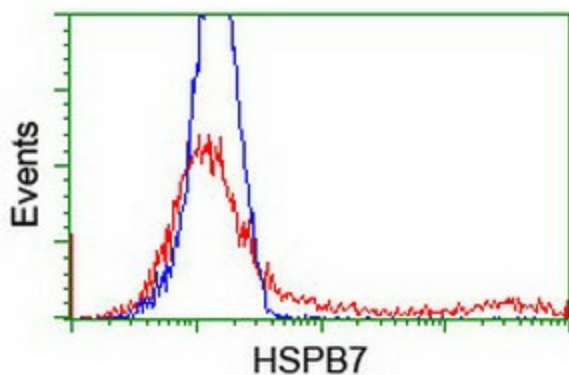
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Product images:

HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY HSPB7 (Cat# [RC202861], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-HSPB7 (Cat# [TA501310]). Positive lysates [LY415289] (100ug) and [LC415289] (20ug) can be purchased separately from OriGene.



Anti-HSPB7 mouse monoclonal antibody ([TA501310]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY HSPB7 ([RC202861]).



HEK293T cells transfected with either [RC202861] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-HSPB7 antibody ([TA501310]), and then analyzed by flow cytometry.