EliteRmab®

HSP27 / HSPB1 Antibody, Rabbit MAb

Catalog Number: **10351-R017**

Sino Biological
Biological Solution Specialist

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GENERAL INFORMATION	
Immunogen:	Recombinant Human HSP27 protein (Catalog#10351-H08E)
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Human HSP27 (rh HSP27; Catalog#10351-H08E; NP_001532.1; Met 1-Lys 205).
Ig Type:	Rabbit IgG
Clone ID:	017
Specificity:	Human HSP27 / HSPB1
Formulation:	0.2 μm filtered solution in PBS
Storage:	This antibody can be stored at 2℃-8℃ for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20℃ to -80℃. Preservative-Free. Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.
APPLICATIONS	
Applications:	WB,ELISA,ELISA(Cap),IP
RECOMMENDED CONCENTRATION	
Western Blot	WB: 1:500-1:2000
Immunoprecipitation	IP: 1-4 μL/mg of lysate
ELISA	ELISA: 1:5000-1:10000 This antibody can be used at 1:5000-1:10000 with the appropriate secondary reagents to detect Human HSP27.
Sandwich ELISA (Capture Ab)	ELISA(Cap): 1:250-1:2000 This antibody will detect Human HSPB1 / HSP 27 in ELISA pair set (Catalog: # SEK10351). In a sandwich ELISA, it can be used as capture antibody when paired with (Catalog: # 10351-MM01).

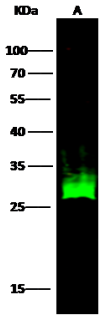
Please Note: Optimal concentrations/dilutions should be determined by the end user.

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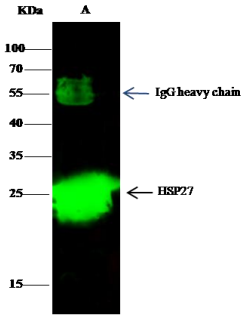


Anti-HSP27 rabbit monoclonal antibody at 1:500 dilution
Lane A: HepG2 Whole Cell Lysate

Lysates/proteins at 30 µg per lane.
Secondary
Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution.

Developed using the Odyssey technique.
Performed under reducing conditions.

Predicted band size:23 kDa
Observed band size:26 kDa



HSP27 was immunoprecipitated using:
Lane A:0.5 mg Caco-2 Whole Cell Lysate

2 µL anti-HSP27 rabbit monoclonal antibody and 15 µl of 50 % Protein G agarose.

Primary antibody:
Anti-HSP27 rabbit monoclonal antibody,at 1:500 dilution

Secondary antibody:
Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution

Developed using the odssey technique.
Performed under reducing conditions.

Predicted band size: 25 kDa
Observed band size: 25 kDa