



[Go to Product page](#)

Datasheet for ABIN7425995
anti-HSP27 antibody (AA 2-205)

1 Image

Overview

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|----------------------|--|
| Quantity: | 100 µL |
| Target: | HSP27 |
| Binding Specificity: | AA 2-205 |
| Reactivity: | Human |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This HSP27 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP) |

Product Details

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|-------------------|---|
| Purpose: | Monoclonal Antibody to Heat Shock Protein 27 (Hsp27) |
| Immunogen: | Recombinant Heat Shock Protein 27 (Hsp27) corresponding to Thr2~Lys205 with N-terminal His Tag |
| Clone: | D2 |
| Isotype: | IgG2b kappa |
| Specificity: | The antibody is a mouse monoclonal antibody raised against Hsp27. It has been selected for its ability to recognize Hsp27 in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Pig |
| Purification: | Protein A + Protein G affinity chromatography |

Target Details

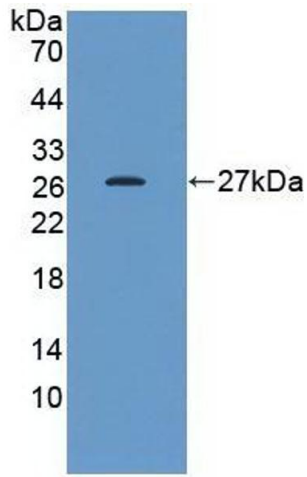
| | |
|-------------------|---|
| Target: | HSP27 |
| Alternative Name: | Heat Shock Protein 27 (HSP27 Products) |
| Background: | HSPB1, HSP-B1, CMT2F, HSP28, Hsp25, Heat Shock 27 kDa Protein 1, 28 kDa heat shock protein, Heat shock protein beta-1, Estrogen-regulated 24 kDa protein, |
| Pathways: | VEGF Signaling |

Application Details

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|--------------------|---|
| Application Notes: | Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user. |
| Comment: | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions: | For Research Use only |

Handling

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|--------------------|---|
| Format: | Liquid |
| Buffer: | PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |
| Expiry Date: | 24 months |



Western Blotting

Image 1. Detection of Recombinant HSPB1, Human using Monoclonal Antibody to Heat Shock Protein 27 (Hsp27)