

ARG24135 anti-Hsp 27 antibody [8A7] (PE)

Package: 50 µg
Store at: -20°C

Summary

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| Product Description | PE-conjugated Mouse Monoclonal antibody [8A7] recognizes Hsp 27 |
| Tested Reactivity | Hu, Ms, Rat, Bov, Dog, Gpig, Hm, Sheep |
| Tested Application | FACS, ICC/IF, IHC-P, IP, WB |
| Specificity | This antibody may cross reacts with alpha B crystallin. |
| Host | Mouse |
| Clonality | Monoclonal |
| Clone | 8A7 |
| Isotype | IgG |
| Target Name | Hsp 27 |
| Species | Human |
| Immunogen | HSP27 peptide |
| Conjugation | PE |
| Alternate Names | HSP 27; Heat shock 27 kDa protein; HMN2B; HS.76067; SRP27; HEL-S-102; HspB1; CMT2F; 28 kDa heat shock protein; HSP27; Heat shock protein beta-1; Hsp25; Estrogen-regulated 24 kDa protein; Stress-responsive protein 27; HSP28 |

Application Instructions

| Application table | Application | Dilution |
|-------------------|--|-----------------|
| | FACS | Assay-dependent |
| | ICC/IF | 1:200 |
| | IHC-P | 1:100 |
| | IP | Assay-dependent |
| | WB | 1:5000 |
| Application Note | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |

Properties

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| Form | Liquid |
| Purification | Purification with Protein G. |
| Buffer | PBS (pH 7.2), 0.09% Sodium azide and 50% Glycerol |
| Preservative | 0.09% Sodium azide |

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|---------------------|---|
| Stabilizer | 50% Glycerol |
| Concentration | 1 mg/ml |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

Bioinformation

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| Gene Symbol | HSPB1 |
| Gene Full Name | heat shock 27kDa protein 1 |
| Background | The protein encoded by this gene is induced by environmental stress and developmental changes. The encoded protein is involved in stress resistance and actin organization and translocates from the cytoplasm to the nucleus upon stress induction. Defects in this gene are a cause of Charcot-Marie-Tooth disease type 2F (CMT2F) and distal hereditary motor neuropathy (dHMN). [provided by RefSeq, Oct 2008] |
| Function | Involved in stress resistance and actin organization. [UniProt] |
| Highlight | |