



Mouse Monoclonal Antibody to HSF4

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| Catalogue Number | sAP-0700 |
| Target Molecule | Name: HSF4 Aliases: CTM MW: 53kDa Entrez Gene ID: 3299 |
| Description | Heat-shock transcription factors (HSFs) activate heat-shock response genes under conditions of heat or other stresses. HSF4 lacks the carboxyl-terminal hydrophobic repeat which is shared among all vertebrate HSFs and has been suggested to be involved in the negative regulation of DNA binding activity. Two alternatively spliced transcripts encoding distinct isoforms and possessing different transcriptional activity have been described. |
| Immunogen | Purified recombinant fragment of human HSF4 expressed in E. Coli. ; |
| Recitative Species | Human |
| Clone | MM2E7; |
| Size and Concentration | 100µg/1mg/ml |
| Supplied as | Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide |
| Reconstitution/Storages | Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage |
| Applications | ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; FCM: 1 to 200 - 1 to 400 |
| Shipping | Regular FEDEX overnight shipment (ambient temperature) |
| Reference | Xi Bao Yu Fen Zi Mian Yi Xue Za Zhi. 2010 Apr;26(4):325-8. ; Am J Hum Genet. 2009 Nov;85(5):628-42. ; |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**