

Mouse Monoclonal Antibody to SMAD3

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| Catalogue Number | sAP-0425 |
| Target Molecule | Name: SMAD3 Aliases: MADH3; JV15-2; HSPC193; HsT17436; MGC60396; DKFZp586N0721; DKFZp686J10186; SMAD3 MW: 48kDa |
| Description | SMAD proteins are signal transducers and transcriptional modulators that mediate multiple signaling pathways. This protein functions as a transcriptional modulator activated by transforming growth factor-beta and is thought to play a role in the regulation of carcinogenesis. |
| Immunogen | Purified recombinant fragment of human SMAD3 expressed in E. Coli. ; |
| Reactive Species | Human; Mouse |
| Clone | MM5G11; |
| Size and Concentration | 100µg/1mg/ml |
| Supplied as | Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% 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; ICC: 1 to 200 - 1 to 1000 |
| Shipping | Regular FEDEX overnight shipment (ambient temperature) |
| Reference | 1. PLoS One. 2009 Sep 21;4(9):e7091. ; 2. Heart Rhythm. 2009 Dec;6(12):1745-50. ; 3. Am J Pathol. 2010 Mar;176(3):1139-47. |

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**