



SMAD3 Mouse Monoclonal Antibody

E10-30072

Background. 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.

Catalog Number. E10-30072

Amount. 100µg/100µl

Clone Number. 5G11

Species. Mouse IgG1

MW. 48kDa

Aliases. MADH3; JV15-2; HSPC193; HsT17436; MGC60396; DKFZp586N0721; DKFZp686J10186; SMAD3

Entrez Gene. 4088

Immunogen. Purified recombinant fragment of human SMAD3 expressed in E. Coli.

Storage. Store at 4°C, for long term storage, store at -20°C

Formulation. Ascitic fluid containing 0.03% sodium azide.

Species Reactivities. Human; Mouse

Tested Applications. WB, IF ,ELISA. Not yet tested in other applications. Determining optimal working dilutions by titration test.

Application notes. WB 1/500 - 1/2000, IF.1/200 - 1/1000.ELISA. Propose dilution 1/10000.

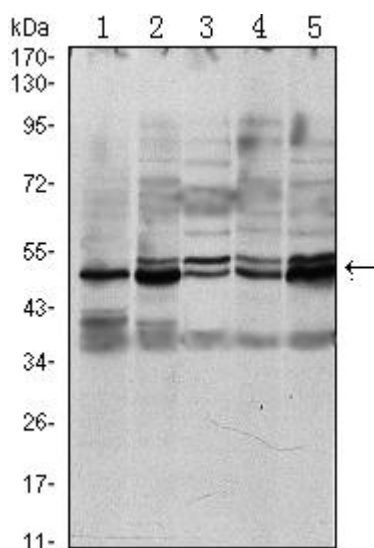


Figure 1. Western blot analysis using SMAD3 mouse mAb against A549 (1), HeLa (2), Jurkat (3), PC-2 (4) and NIH/3T3 (5) cell lysate.

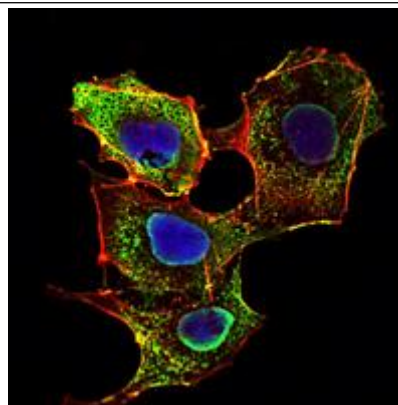


Figure 2. Immunofluorescence analysis of NIH/3T3 cells using SMAD3 mouse mAb (green). Blue. DRAQ5 fluorescent DNA dye. Red. Actin filaments have been labeled with Alexa Fluor-555 phalloidin.