

Product datasheet for **AM06479SU-N**

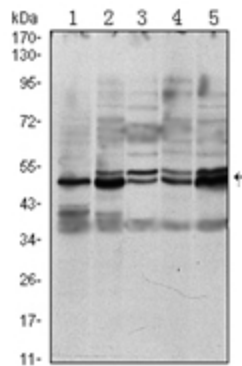
SMAD3 Mouse Monoclonal Antibody [Clone ID: 5G11]

Product data:

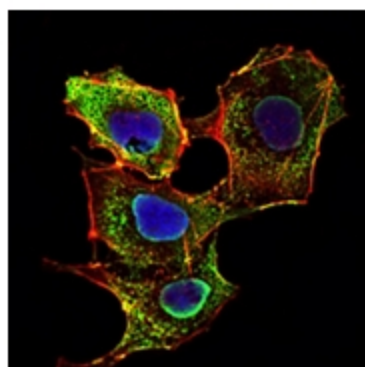
Product Type:	Primary Antibodies
Clone Name:	5G11
Applications:	ELISA, IF, WB
Recommended Dilution:	ELISA: 1/10000. Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000.
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of Human SMAD3 expressed in E. Coli.
Specificity:	Recognizes SMAD3
Formulation:	State: Ascites State: Ascitic fluid containing 0.03% Sodium Azide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	48 kDa
Gene Name:	SMAD family member 3
Database Link:	Entrez Gene 4088 Human P84022
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.
Synonyms:	SMAD family member 3, SMAD 3, SMAD-3, Mad3, MAD-3, MADH3, MAD homolog 3, JV15-2



[View online »](#)

Product images:

Western blot analysis using SMAD3 antibody Cat.-No AM06479SU-N against A549 (1), HeLa (2), Jurkat (3), PC-2 (4) and NIH/3T3 (5) cell lysate.



Immunofluorescence analysis of NIH/3T3 cells using SMAD3 antibody Cat.-No AM06479SU-N (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.