

## SMAD3 Ab

[References\(1\)](#) [Images\(4\)](#)

Cat.#: BF0378	Concn.: ~1mg/ml	Mol.Wt.: 48kDa
Size:	Source: Mouse	Clonality: Monoclonal

Application: ELISA 1:10000, WB 1:500-1:2000, IF/ICC 1:200-1:1000  
\*The optimal dilutions should be determined by the end user.

Reactivity: Human, Mouse

Storage: Mouse IgG1 in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification: Affinity-chromatography.

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

Uniprot: P84022

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.

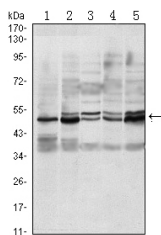


Figure 1: Western blot analysis using SMAD3 mouse mAb against A549 (1), HeLa (2), Jurkat (3), PC-2 (4) and NIH/3T3 (5) cell lysate.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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