

SMAD3 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2779
Host	Mouse
Isotype	Mouse IgG1
Size	100 μ L, 50 μ L
Immunogen	Purified recombinant fragment of human SMAD3 expressed in E. Coli.
Mol wt	48kDa
Species reactivity	Human,Mouse
Clonality	Monoclonal
Recommended application	WB,ICC
Concentration	N/A
Full name	N/A
Synonyms	MADH3;JV15-2;HSPC193;HsT17436;MGC60396;DKFZp586N0721;DKFZp686J10186;SMAD3

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

Recommended Dilution

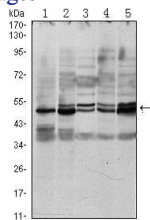
WB: 1:500 - 1:2000

ICC: 1:200 - 1:1000

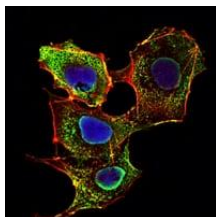
ELISA: 1:10000

Not yet tested in other applications.

Images



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



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.

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

