







Smad3 (DGR12118) Rabbit mAb

db11519 Package : 10μL 20μL 50μL 100μL

Product Name: Smad3 (DGR12118) Rabbit mAb

Cat.No.: db11519

Synonyms: LDS3; LDS1C; MADH3; JV15-2; HSPC193; HsT17436

Application: WB, IHC-P, ICC/IF, FC **Reactivity**: Human, Mouse, Rat

Host species: Rabbit

Background The protein encoded by this gene belongs to the SMAD, a family of proteins similar to the gene

products of the Drosophila gene 'mothers against decapentaplegic' (Mad) and the C. elegans gene Sma. 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. [provided by

RefSeq, Apr 2009]

Immunogen A synthetic peptide of human Smad3

Gene ID 4088

Swiss Prot P84022

Synonyms LDS3; LDS1C; MADH3; JV15-2; HSPC193; HsT17436

Reactivity Human, Mouse, Rat

Application WB, IHC-P, ICC/IF, FC

Recommended dilution WB: 1:1000-1:5000

IHC-P: 1:200-1:1000 ICC/IF: 1:500-1:2000

FC: 1:50-1:200

Calculated MW 48 kDa

Observed MW 52 kDa

Host species Rabbit

Clonality Monoclonal

Clonality No. DGR12118





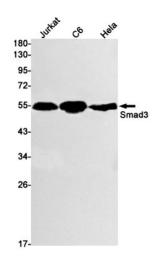
Isotype IgG

Purity Affinity Purification

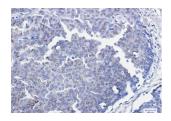
Conjugation Un-conjugated

Storage Stability Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium

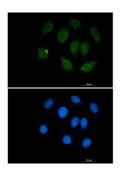
azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of Smad3 in Jurkat, C6, Hela cell lysates using Smad3 antibody (1:1000 diluted).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue using db11519 antibody.



Immunofluorescent analysis of A549 cells using db11519 antibody (green), and DAPI (blue).