

# Anti-Smad1 (Phospho-Ser187) Polyclonal Antibody



<u>Catalog No.</u>	<u>Size</u>
A100119-01	50 µl
A100119-02	100 µl

<b>Specificity</b>	Anti-Smad1 (Phospho-Ser187) (human mouse)
<b>Source</b>	Rabbit Polyclonal
<b>Application</b>	WB ELISA IHC
<b>Form</b>	Liquid, 1 mg/ml

## Product

**Swiss-Prot No.:** Q15797

**Other Names:** BSP-1, BSP1, Dwarf1-A, Dwf-A, JV4-1, MADH1, MADR1, Mad-related protein 1, Mad1, Mothers against DPP homolog 1, Mothers against decapentaplegic homolog 1, Mothers-against-DPP-related-1, SMAD 1, Smad 1, Transforming growth factor- $\beta$  signaling protein-1

## Specificity and Sensitivity

Smad1 (Phospho-Ser187) antibody detects endogenous levels of Smad1 only when phosphorylated at serine 187.

## Source and Purification

The antiserum was produced against synthesized phosphopeptide derived from human Smad1 around the phosphorylation site of serine 187 (P-H-S<sup>P</sup>-P-N).

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

## Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

WB: 1:500~1:3000    IHC: 1:50~1:100    ELISA: 1:1000

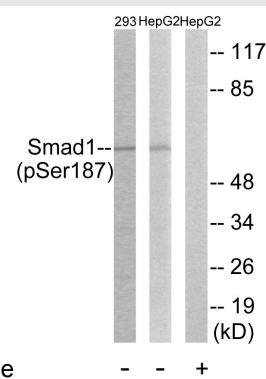
## Storage Buffer

Rabbit IgG 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.

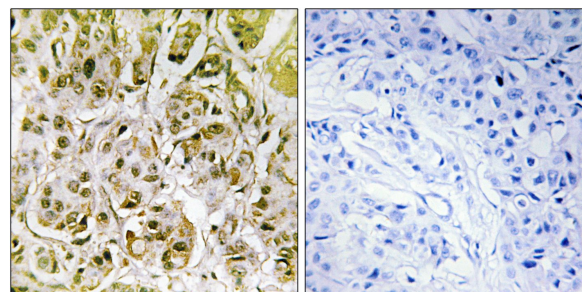
## Storage Instructions

Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

## Images



Western blot analysis of extracts from 293 cells and HepG2 cells, using Smad1 (Phospho-Ser187) antibody.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using Smad1 (Phospho-Ser187) antibody.