

# Anti-Smad3 (Ab-204) Polyclonal Antibody



<u>Catalog No.</u>	<u>Size</u>
A200100-01	50 µl
A200100-02	100 µl

<b>Specificity</b>	Anti-Smad3 (Ab-204) (human mouse rat)
<b>Source</b>	Rabbit Polyclonal
<b>Application</b>	WB ELISA IHC
<b>Form</b>	Liquid, 1 mg/ml

## Product

**Swiss-Prot No.:** P84022

**Other Names:** JV15-2, MAD-3, MADH3, Mad3, Mothers against DPP homolog 3, Mothers against decapentaplegic homolog 3, SMAD 3, Smad 3

## Specificity and Sensitivity

Smad3 (Ab-204) antibody detects endogenous levels of total Smad3 protein.

## Source and Purification

The antiserum was produced against synthesized non-phosphopeptide derived from human Smad3 around the phosphorylation site of serine 204 (A-G-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: 1:5000

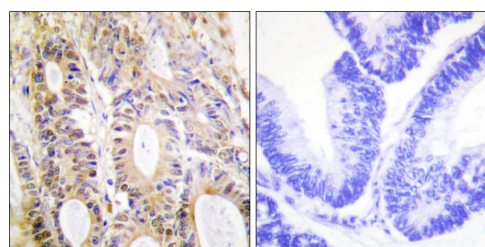
## Storage Buffer

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.

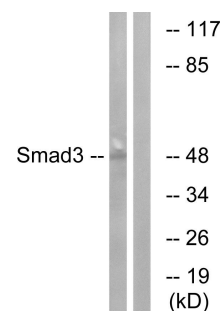
## Storage Instructions

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



Peptide - +  
Immunohistochemistry analysis of paraffin-embedded human colon colon tissue, using Smad3 (Ab-204) antibody.



Peptide - +  
Western blot analysis of extracts from HUVEC cells, using Smad3 (Ab-204) antibody.