

# Phospho-Smad3(S425) Mouse Monoclonal Antibody(1D9)

Catalog No.: RA10182

## Basic Information

### Information

<b>Reactivity</b>	H,M,R
<b>Immunogen</b>	Synthetic Peptide
<b>Host</b>	Mouse
<b>Isotype</b>	IgG1
<b>Storage Buffer &amp; Condition</b>	1mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol.
<b>Observed MW</b>	52KD

### Applications

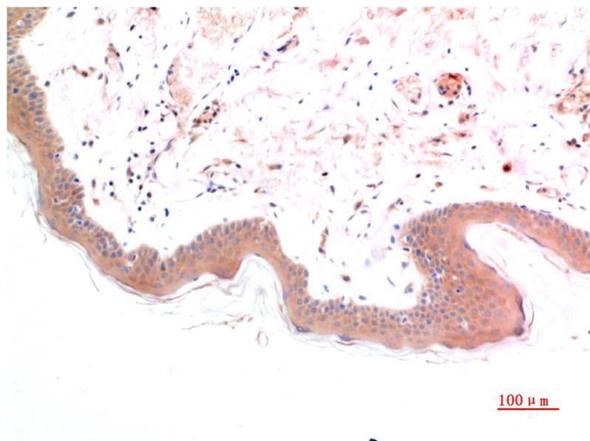
### Recommended Dilution

<b>IHC</b>	1:100-200
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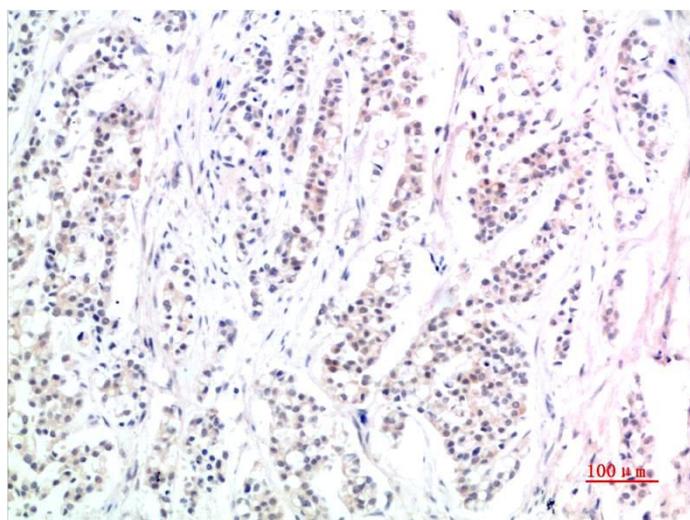
### Preparation & Storage

<b>Storage</b>	Store at -20°C. Stable for one year from the date of shipment.
<b>Shipping</b>	Bule Ice

## Experimental Data



Immunohistochemical analysis of paraffin-embedded Human Skin Tissue using Phospho-Smad3(S425) Mouse mAb diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Human Stomach Carcinoma Tissue using Phospho-Smad3(S425) Mouse mAb diluted at 1:200.

## Background

Receptor-regulated SMAD (R-SMAD) that is an intracellular signal transducer and transcriptional modulator activated by TGF-beta (transforming growth factor) and activin type 1 receptor kinases. Binds the TRE element in the promoter region of many genes that are regulated by TGF-beta and, on formation of the SMAD3/SMAD4 complex, activates transcription.