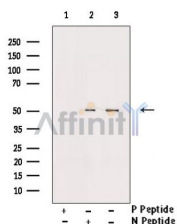


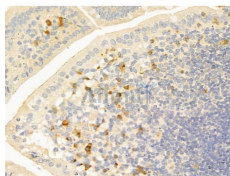
## Phospho-Smad3 (Thr179) Ab

[Images\(4\)](#)

|               |   |                       |
|---------------|---|-----------------------|
| Cat.#: AF3363 | Concn.: ~1mg/ml   | Mol.Wt.: 50kDa        |
| Size:         | Source: Rabbit  | Clonality: Polyclonal |
| Application:  | WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500<br>*The optimal dilutions should be determined by the end user.   |                       |
| Reactivity:   | Human, Mouse, Rat   |                       |
| Storage:      | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.   |                       |
| Purification: | The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.  |                       |
| Immunogen:    | A synthesized peptide derived from human Smad3 around the phosphorylation site of Thr179.   |                       |
| Uniprot:      | P84022  |                       |
| Description:  | Smad3 transcription factor phosphorylated and activated by TGF-beta-type receptors. A receptor-regulated Smad (R-smad). Binds directly to consensus DNA-binding elements in the promoters of target genes. In mouse required for establishment of the mucosal immune response and proper development of skeleton. |                       |



Western blot analysis of Phospho-Smad3 (Thr179) Ab expression in TNF treated Hela cells lysates. The lane on the right was treated with the antigen-specific peptide.



AF3363 at 1/100 staining Mouse colon tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary Ab at 4°C overnight. An HRP conjugated anti-Rabbit Ab was used as the secondary Ab.

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in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking,  
overnight.

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procedures. Not for resale without express authorization.