Product Data Sheet

**pSmad1/5/8**

*rabbit monoclonal IgG*

<table>
<thead>
<tr>
<th>Quantity:</th>
<th>0.2ml bioreactor supernatant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clone ID:</td>
<td>rabbit monoclonal Vli31</td>
</tr>
<tr>
<td>Species Cross-Reactivity:</td>
<td>Human, mouse, rat, bovine, pig</td>
</tr>
<tr>
<td>Applications:</td>
<td>WB, IHC-P, ICC, IP</td>
</tr>
</tbody>
</table>

**Catalog#:** Vli31

**Lot #**

Please refer to vial

**Mol Weight:** 48/52 kDa

**Swiss Prot:** n/a

**Price:** US $

**Background:**

n/a

**Specificity:**
The antibody was raised against a synthetic peptide corresponding to the conserved C terminal serine residues present in Smad1, Smad5 and Smad8 that get phosphorylated in response to stimulation by BMP.

**Storage:**

To make antibody stock solution from dehydrated supernatant, rehydrate as indicated on the vial label. Store reconstituted antibody at -20°C.

**Purity:**

Vli31 is bioreactor supernatant.

**Recommended Dilution**:*

Western blotting (1:2,000-15,000)

Immunohistochemistry paraffin/formalin (1:500-3,000)

Immunocytochemistry (1:500-3,000)

Immunoprecipitation

Other applications not tested.

*Final dilution needs to be optimized by user.

**Application Notes:**

For immunohistochemistry, heat antigen retrieval with citrate buffer (10mM, pH6.0, 0.05% Tween-20) is recommended.

**References:**


*Fig.1 Western blot of GM7372 cell lysate using anti-pSmad1/5/8 Vli31, dilution 1:2000. Lane 1 untreated, lane 2 treated with BMP.*

*Fig. 2. Immunohistochemistry on formalin fixed, paraffin embedded mouse amd human tissues with pSmad1/5/8 Vli31 (A-D). (A, B) Remodeling mouse carotid artery, (C) human skin, (D) human mammary gland (1:2000 dilution).*