

## Anti-SMAD9 antibody (Internal) (STJ70900)

STJ70900

### GENERAL INFORMATION

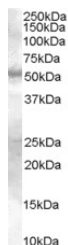
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Goat polyclonal antibody anti-SMAD9 (Internal) is suitable for use in ELISA, Western Blot and Immunohistochemistry research applications.
<b>Applications</b>	Pep-ELISA/WB/IHC
<b>Host/Source</b>	Goat
<b>Reactivity</b>	Human/Mouse/Rat/Dog

### PRODUCT PROPERTIES

<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	0.5 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Dilution Range</b>	Peptide ELISA: antibody detection limit dilution 1:64000. WB: Approx 50kDa band observed in Human Skin lysates (calculated MW of 48.6kDa according to NP_005896.1). Recommended concentration: 0.3-1.0 µg/ml. Primary incubation was 1 hour. IHC:
<b>Formulation</b>	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
<b>Isotype</b>	IgG
<b>Storage</b>	Store at -20°C on receipt and minimise freeze-thaw cycles.
<b>Instruction</b>	

### TARGET INFORMATION

<b>Gene ID</b>	4093
<b>Gene Symbol</b>	SMAD9
<b>Uniprot ID</b>	SMAD9_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	Internal
<b>Specificity</b>	This antibody is not expected to cross-react with SMAD1 and SMAD5.
<b>Immunogen Sequence</b>	HSEPLMPHNATYPD



STJ70900 (0.3 µg/ml) staining of Human Skin lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081