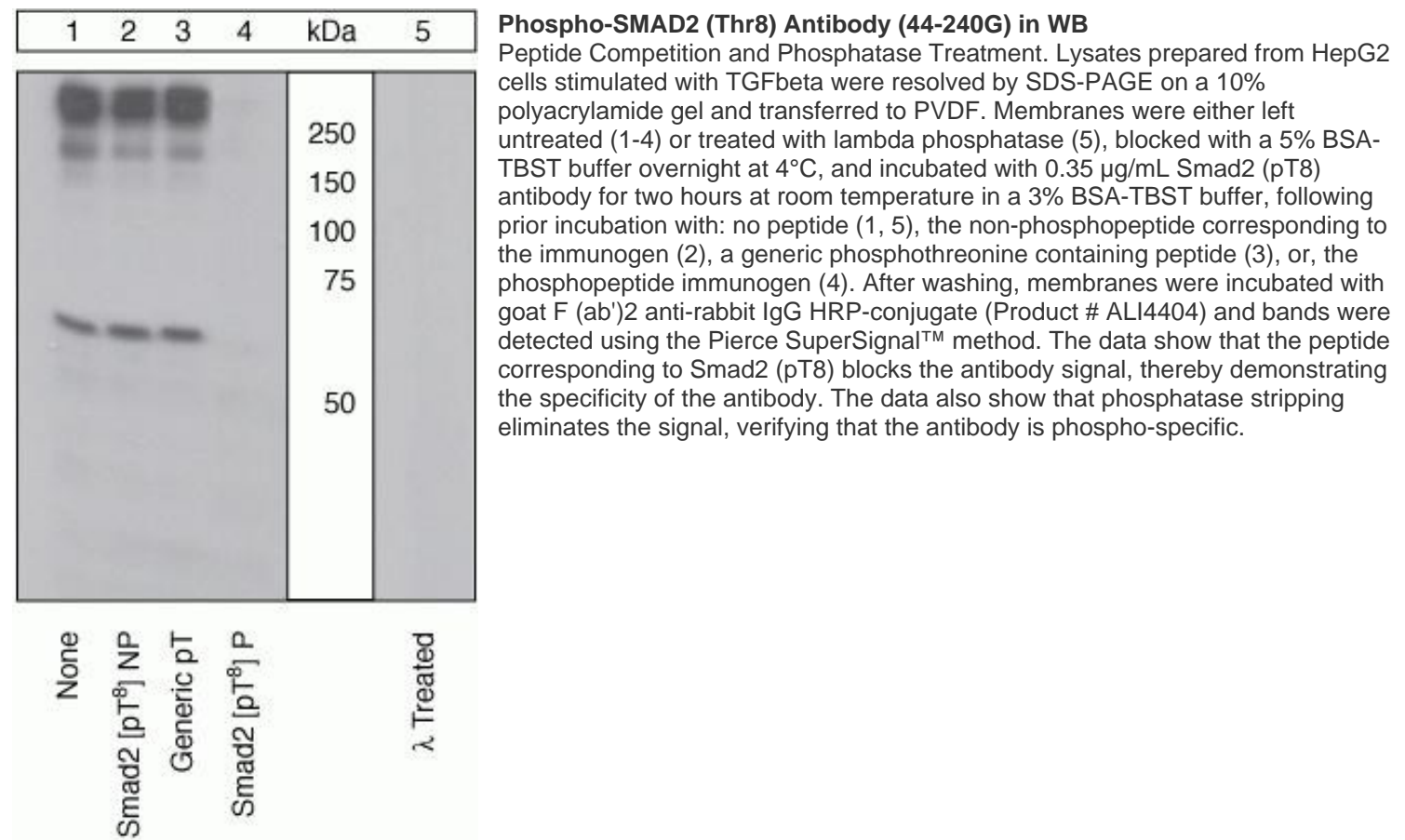


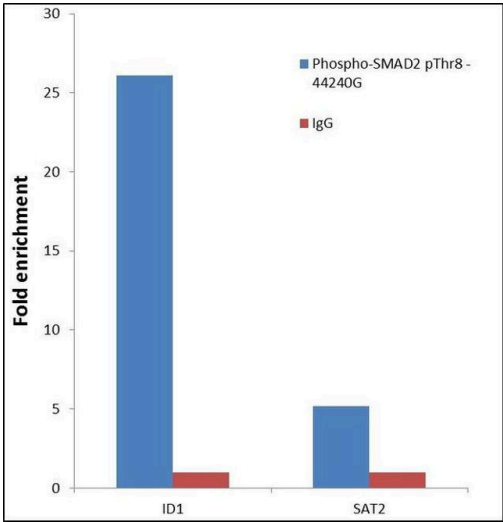
Phospho-SMAD2 (Thr8) Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	The antiserum was produced against a chemically synthesized phosphopeptide derived from a region of human Smad2 that contains threonine 8. The sequence is conserved in mouse and rat.
Form	Liquid
Storage conditions	-20°C
RRID	AB_2533613

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	-
ChIP assay (ChIP)	10 µL	-

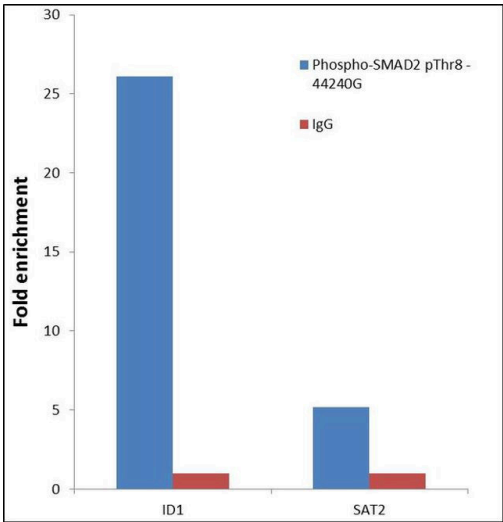
Product Images For Phospho-SMAD2 (Thr8) Polyclonal Antibody





### Phospho-SMAD2 (Thr8) Antibody (44-240G)

Antibody specificity was demonstrated by detection of enrichment of the target protein at specific gene loci. Chromatin Immunoprecipitation (ChIP) was performed using Phospho-SMAD2 (Thr8) Polyclonal Antibody (Product # 44-240G) with relevant positive (ID1) and negative (SAT2) sites. {RE}



### Phospho-SMAD2 (Thr8) Antibody (44-240G) in ChIP

ChIP- qPCR analysis of SMAD2 pThr8 was performed with 10  $\mu$ L of the Phospho-SMAD2 pThr8 Rabbit polyclonal antibody (Product # 44-240G) on sheared chromatin from 2 million Jurkat cells treated with 50 ng/mL of TGF-beta for one hour using the MAGnify™ Chromatin Immunoprecipitation System (Product # 49-2024). Normal Rabbit IgG was used as a negative IP control. The purified DNA from each ChIP sample was analyzed by StepOnePlus™ Real-Time PCR System (Product # 4376600) with primers for the promoter of active ID1 used as positive control target and the SAT2 used as negative control target. Data is presented as fold enrichment of the antibody signal versus the negative control IgG using the comparative CT method.

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (i) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (ii) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (iii) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (iv) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.