Smad1 (phospho Ser465) antibody

Cat. No. GTX78944

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB
Reactivity	Human

Package
100 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500 - 1:1000

Not tested in other applications.

Calculated MW	52 kDa. (Note)
Product Note	This antibody is raised against human Smad1 phosphorylated at Ser465. Based on sequence homology, it is predicted to react with smad5 and smad8(9) when phosphorylated at the corresponding residues - smad5 Ser465 and smad8(9) Ser467.

Properties

Form	Liquid
Buffer	PBS, 150mM NaCl, 0.5% BSA, 50% glycerol (Please contact us for BSA-free format)
Preservative	0.02% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	Batch dependent (Please refer to the vial label for the specific concentration.)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Smad1 around the phosphorylation site of serine 465 (I-S-S-V-SP).
Purification	Purified by sequential chromatography on phospho- and non-phospho-peptide affinity columns. From serum
Conjugation	Unconjugated

For full product information, images and publications, please visit our website.

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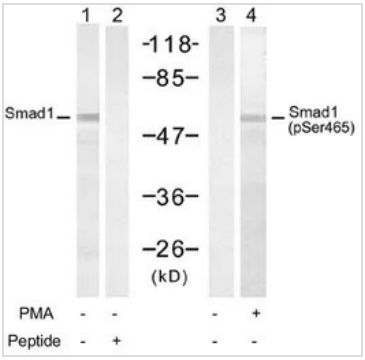
Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



GTX78944 WB Image

WB analysis of 293 cells untreated or treated with PMA (200nM, 30min) lysates using GTX78944 Smad1 (phospho Ser465) antibody (Lane 3 and 4) and Smad1 antibody (Lane 1 and 2).

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