

Anti-Phospho-SMAD3 (S213) Antibody

Catalog Number: P00059-4

About SMAD3

Mothers against decapentaplegic homolog 3 also known as SMAD family member 3 or SMAD3 is a protein that in humans is encoded by the SMAD3 gene. SMAD3 is a member of the SMAD family of proteins. It is located in 15q22.33. And it mediates the signals from the transforming growth factor beta (TGF-beta) super family ligands that regulate cell proliferation, differentiation and death. Based on its essential role in TGF beta signaling pathway, SMAD3 has been related with tumor growth in cancer development.

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Overview

Product Name	Anti-Phospho-SMAD3 (S213) Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Phospho-SMAD3 (S213) Antibody catalog # P00059-4. Tested in WB, IHC, ICC, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg stabilizing protein and 50% glycerol This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt at -20°C as supplied. 6 months at 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P84022

Technical Details

Immunogen	A synthesized peptide derived from human Smad3 around the phosphorylation site of Ser213.
Form	Liquid

Concentration	500 ug/ml
Purification	Protein A affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-200 Immunocytochemistry/Immunofluorescence, 1:50-200

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