

Product Datasheet

SMAD3 (phospho-T179) antibody (orb345686)



Descriptionnts.

www.biorbyt.com

SMAD3 (phospho-T179) antibody

Species/Host Rabbit

Reactivity Mouse

Conjugation Unconjugated

Tested ELISA, WB

Applications

Immunogen Anti-SMAD3 pT179 antibody was prepared by repeated

immunizations with a synthetic peptide corresponding

to an internal region of human Smad3 protein

surrounding amino acid residue 179.

Preservatives 0.01% (w/v) Sodium Azide

Form/Appearance Liquid (sterile filtered)

Concentration 1.0mg/ml

Storage Store vial at -20° C prior to opening. Aliquot contents

and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to

immediate use.

Note For research use only

Application notes Anti-SMAD3 pT179 has been tested for use in ELISA

and by western blot, and suitable by

immunohistochemistry. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 48.1 kDa in size corresponding

a band approximately 48.1 kDa in size corresponding to human phosphorylated Smad3 protein by western blotting in the appropriate stimulated tissue or cell

lysate or extract.

Isotype IgG

Clonality Polyclonal

Purity Anti-SMAD3 pT179 affinity-purified antibody is directed

against the phosphorylated form of human Smad3 protein at the pT179 residue. The product was affinity

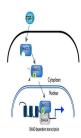
purified from monospecific antiserum by

immunoaffinity purification. Antiserum was first purified against the phosphorylated form of the immunizing peptide. The resultant affinity purified antibody was then cross adsorbed against the non-phosphorylated form of the immunizing peptide. Reactivity occurs against human Smad3 pT179 protein and the antibody is specific for the phosphorylated form of the protein

TGFβ - +
Smad2 ► Smad3 ►

Cells: NMuMG

NMuMG mouse mammary epithelial cells wer...



The SMAD pathway follows the canonical T...

Biorbyt Ltd.

7 Signet Court, Swann's Road, Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com | Phone: +44 (0) 1223 859-353 | Fax: +44 (0)1223 280

Biorbyt LLC.

68 TW Alexander Drive
Research Triangle Park
Durham, North Carolina
br>27709. United States

Email: info@biorbyt.com | Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558