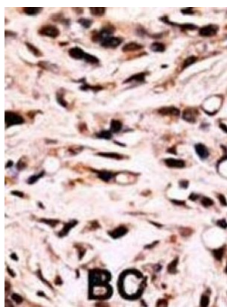
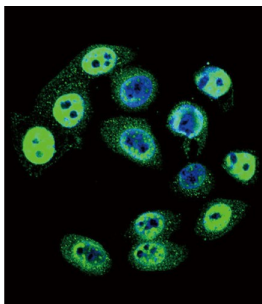
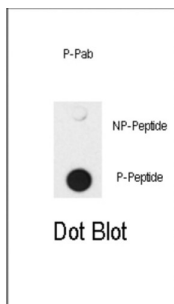


SMAD4 (pT277) Antibody

Catalogue No.: abx031915



Common mediator of signal transduction by TGF-beta (transforming growth factor) superfamily, SMAD4 is the common SMAD (co-SMAD). It promotes binding of the SMAD2/SMAD4/FAST-1 complex to DNA and provides an activation function required for SMAD1 or SMAD2 to stimulate transcription. It may act as a tumor suppressor.

Target: SMAD4 (pT277)

Clonality: Polyclonal

Target Modification: Thr277

Modification: Phosphorylation

Reactivity: Human, Mouse

Tested Applications: ELISA, WB

Datasheet

Version: 2.0.0
Revision date: 13 Sep 2025



Host: Rabbit

Recommended dilutions: WB: 1/500. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: KLH-conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding T277 of human SMAD4.

Isotype: IgG

Form: Liquid

Purification: Purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: Q13485 ([UniProt](#), [ExPASy](#))

NCBI Accession: NP_005350.1

KEGG: hsa:4089

String: [9606.ENSP00000341551](#)

Molecular Weight: Calculated MW: 60.4 kDa

Buffer: PBS containing 0.09% sodium azide.

Specificity: Predicted to react with Rat SMAD4.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.