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## Product Datasheet

### SMAD2 pS465 pS467 antibody (orb345822)

**Description**

SMAD2 pS465 pS467 antibody

**Species/Host**

Rabbit

**Reactivity**

Human

**Conjugation**

Unconjugated

**Tested**

ELISA, WB

**Applications**
**Immunogen**

SMAD2 pS465 pS467 antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to a C-terminal of human SMAD2 protein.

**Preservatives**

0.01% (w/v) Sodium Azide

**Form/Appearance**

Liquid (sterile filtered)

**Concentration**

0.94 mg/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-SMAD2 pS465 pS467 affinity purified antibody has been tested for use in ELISA and western blotting. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 52 kDa in size corresponding to Smad2 protein by western blotting in the appropriate cell lysate or extract.

**Isotype**

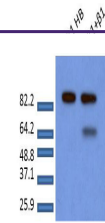
IgG

**Clonality**

Polyclonal

**Purity**

Anti-SMAD2 pS465 pS467 antibody is directed against the phosphorylated form of human Smad2 protein at the pS465 and pS467 residues. 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 SMAD2. Reactivity with non-phosphorylated human Smad2 is minimal by ELISA and western blot. A BLAST analysis was used to suggest cross-reactivity with Smad2 protein from



Western Blot of Rabbit anti-Smad2 pS465p...