

Recombinant Phospho-Smad3 (Ser423, Ser425) Monoclonal Antibody

catalog number: **AN301148L**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

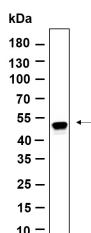
Description

Reactivity	Human;Mouse
Immunogen	A synthetic peptide corresponding to residues around (Ser423, Ser425) of Human Phospho-Smad3
Host	Rabbit
Isotype	IgG,k
Clone	6H9
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

IHC	1:200-1:1000
WB	1:2000-1:10000

Data

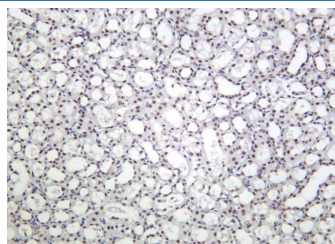


Western Blot with Recombinant Phospho-Smad3 (Ser423, Ser425) Monoclonal Antibody at dilution of 1:1000 dilution.

Lane A: HT-1080 serum.

Observed-MW:52 kDa

Calculated-MW:48 kDa



Immunohistochemistry of paraffin-embedded rat kidney using Recombinant Phospho-Smad3 (Ser423, Ser425) Monoclonal Antibody at dilution of 1:200.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

The protein encoded by this gene belongs to the SMAD, a family of proteins similar to the gene products of the Drosophila gene *mothers against decapentaplegic* (Mad) and the C. elegans gene Sma. SMAD proteins are signal transducers and transcriptional modulators that mediate multiple signaling pathways. This protein functions as a transcriptional modulator activated by transforming growth factor-beta and is thought to play a role in the regulation of carcinogenesis.

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