Recombinant Phospho-Smad3 (Ser423, Ser425) Monoclonal Antibody

catalog number: **AN301148L**

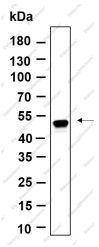
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse
Immunogen	A synthetic peptide corresponding to residues around (Ser423, Ser425) of Human Phospho-Smad3
Host	Rabbit
Isotype	Rabbit IgG
Clone	C210771
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
IF	1:200-1:1000
ELISA	1:5000-1:20000

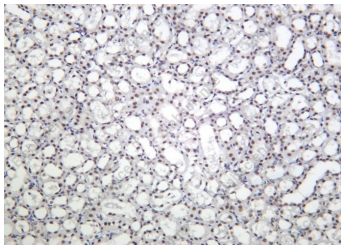
Data



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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