

Recombinant Phospho-Smad3 (Ser423, Ser425) Monoclonal Antibody

catalog number: AN301148L

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

Description

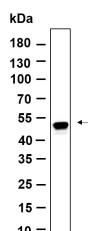
Reactivity	Human;Mouse
Immunogen	A synthetic peptide corresponding to residues around (Ser423, Ser425) of Human Phospho-Smad3
Host	Rabbit
Isotype	IgG,κ
Clone	B907
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

IHC	1:200-1:1000
WB	1:2000-1:10000
IF	1:200-1:1000
ELISA	1:5000-1:20000

Data

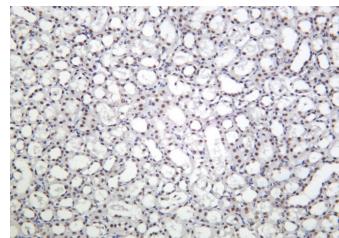


Western Blot with Recombinant Phospho-Smad3 (Ser423, Ser425) Monoclonal Antibody at dilution of 1:1000 dilution.

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.

For Research Use Only

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