

**Phospho-Smad3 (Ser423/425) monoclonal antibody**

Catalog: MB10418

Host: Rabbit

Reactivity: Human,Rat,Hamster

**BackGround:**

Smad3 transcription factor phosphorylated and activated by TGF-beta-type receptors. A receptor-regulated Smad (R-smad). Binds directly to consensus DNA-binding elements in the promoters of target genes. In mouse required for establishment of the mucosal immune response and proper development of skeleton.

**Product:**

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

**Molecular Weight:**

Calculated MW: 48 kDa; Observed MW: 52 kDa

**Swiss-Prot:**

P84022

**Purification&Purity:**

Affinity Purified

**Applications:**

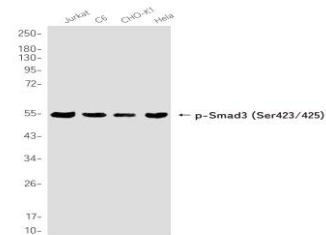
WB: 1/500-1/1000

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Isotype:**

IgG

**DATA:**

Western blot analysis of Phospho-Smad3 in Jurkat, C6, CHO-K1, HeLa lysates using Phospho-Smad3 antibody.

**Note:**

For research use only, not for use in diagnostic procedure.

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