



## Smad3 (Phospho-Ser425) Antibody

E011325

**Catalog Number:** E011325-1, E011325-2

**Amount:** 50 $\mu$ g/50 $\mu$ l, 100 $\mu$ g/100 $\mu$ l

**Form of Antibody:** Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Storage/Stability:** Store at -20°C/1 year

**Immunogen:** The antiserum was produced against synthesized phosphopeptide derived from human Smad3 around the phosphorylation site of serine 425 (C-S-S-V-S<sup>P</sup>).

**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

**Specificity/Sensitivity:** Smad3 (Phospho-Ser425) Antibody detects endogenous levels of Smad3 only when phosphorylated at serine 425.

**Reactivity:** Human, Mouse, Rat

**Applications:** IHC: 1:50-1:100 WB:1:500-1:1000

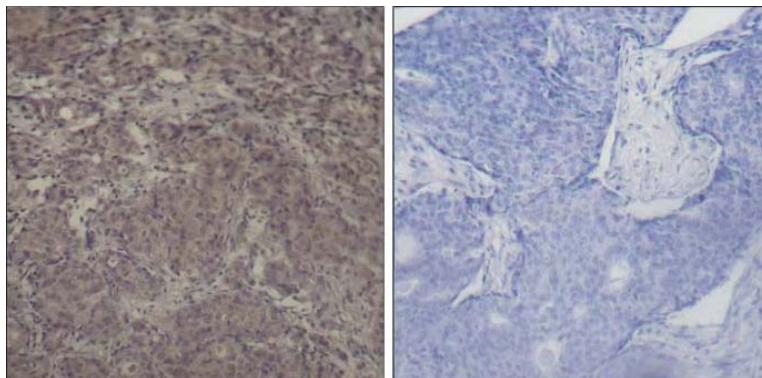
**Swiss-Prot No.:** P84022

**References:** Shi W, et al. J Cell Sci. 2007 Apr 1;120(Pt 7):1216-24

Seong HA, et al. J Biol Chem. 2007 Apr 20;282(16):12272-89

Wordinger RJ, et al. Invest Ophthalmol Vis Sci. 2007 Mar;48(3):1191-200

LeClair RJ, et al. Circ Res. 2007 Mar 30;100(6):826-33



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Smad3 (Phospho-Ser425) Antibody (E011325).

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