

Product Datasheet

SMAD2 (pS467) Antibody (orb2650600)

Catalog Number	orb2650600
Category	Antibodies
Description	Rabbit polyclonal antibody to SMAD2 (pS467)
Clonality	Polyclonal
Species/Host	Rabbit
Conjugation	Unconjugated
Reactivity	Human, Mouse, Porcine, Rabbit, Rat, Virus, Zebrafish
UniProt ID	Q15796
Tested applications	ELISA, IF, IHC, WB
Dilution range	WB: E (1/5000 - 1/10000), WB (1/500 - 1/1000), IH (1/100 - 1/200), IF/IC (1/100 - 1/500), IF: E (1/5000 - 1/10000), WB (1/500 - 1/1000), IH (1/100 - 1/200), IF/IC (1/100 - 1/500), E: E (1/5000 - 1/10000), WB (1/500 - 1/1000), IH (1/100 - 1/200), IF/IC (1/100 - 1/500)
Clone Number	SMAD2
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only

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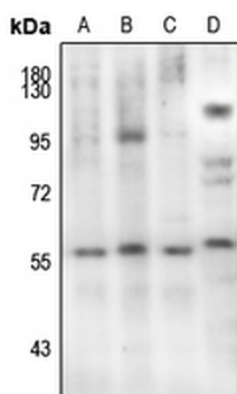
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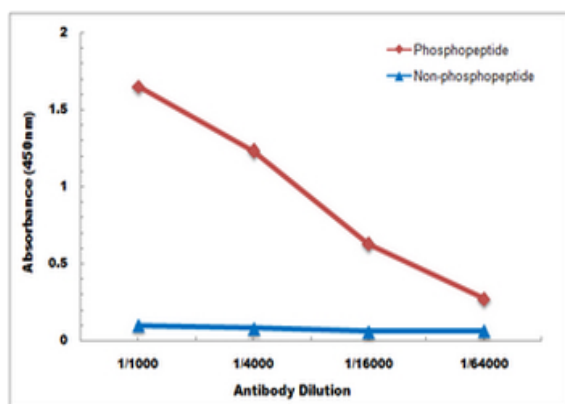
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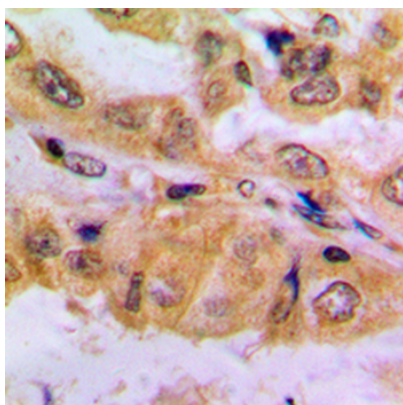
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Western blot analysis of SMAD2 (pS467) expression in MCF7 (A), A375 (B), A549 (C), rat heart (D) whole cell lysates.



Direct ELISA antibody dose-response curve using Anti-SMAD2 (pS467) Antibody. Antigen (phosphopeptide and non-phosphopeptide) concentration is 5 ug/ml. Goat Anti-Rabbit IgG (H&L) - HRP was used as the secondary antibody, and signal was developed by TMB substrate.



Immunohistochemical analysis of SMAD2 (pS467) staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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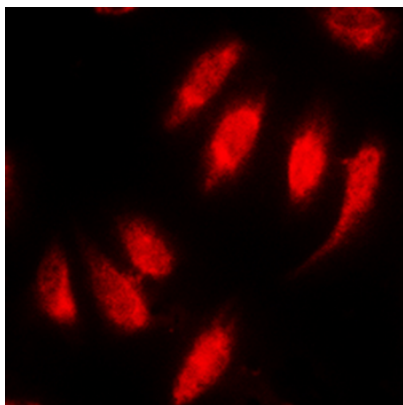
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Immunofluorescent analysis of SMAD2 (pS467) staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4°C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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