

SMAD2 / SMAD3 (phospho Thr8) antibody [HL4327]

Cat. No. GTX643574

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB
Reactivity	Human, Mouse

Package
100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000

Not tested in other applications.

Observed MW (kDa) 57, 65 kDa.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide surrounding phospho Thr8 of human SMAD2/SMAD3. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

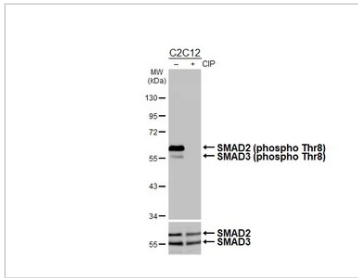
Note

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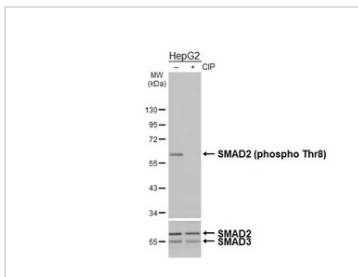
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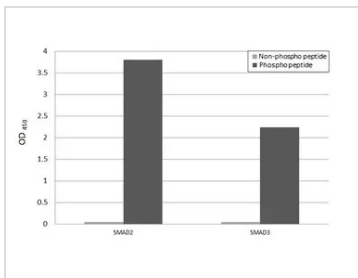
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DATA IMAGES

GTx643574 WB Image

Untreated (–) and treated (+) C2C12 whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membranes were blotted with SMAD2 / SMAD3 (phospho Thr8) antibody [HL4327] (GTx643574) diluted at 1:1000 and SMAD2 / SMAD3 antibody (GTx11123) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.


GTx643574 WB Image

Untreated (–) and treated (+) HepG2 whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membranes were blotted with SMAD2 / SMAD3 (phospho Thr8) antibody [HL4327] (GTx643574) diluted at 1:1000 and SMAD2 / SMAD3 antibody (GTx11123) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.


GTx643574 Image

Specificity test was performed by coating the plate with recombinant SMAD2 non-phospho peptide, SMAD2 (phospho Thr8) peptide, SMAD3 non-phospho peptide, and SMAD3 (phospho Thr8) peptide (62.5 ng/mL). Coated protein was probed with SMAD2 / SMAD3 (phospho Thr8) antibody [HL4327] (GTx643574) (1 µg/mL). Goat anti-rabbit IgG antibody (HRP) (GTx213110-01) (1:10000) was used to detect the bound primary antibody.



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