

SMAD2 (phospho Ser465/Ser467) antibody

Cat. No. GTX133614

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, FCM
Reactivity	Human, Mouse

References (9)

★★★★★ Review (2)

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
ICC/IF	1:100-1:1500
FCM	Assay dependent

Not tested in other applications.

Calculated MW 52 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 1% BSA, 20% Glycerol
Preservative	0.025% ProClin 300
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	0.44 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide surrounding phospho Ser465/Ser467 of human SMAD2. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

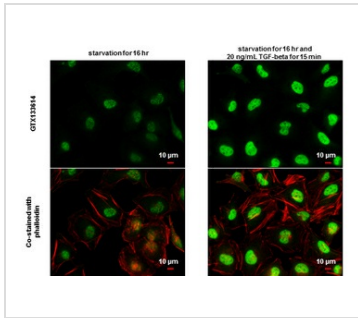
Note

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DATA IMAGES



GTX133614 ICC/IF Image

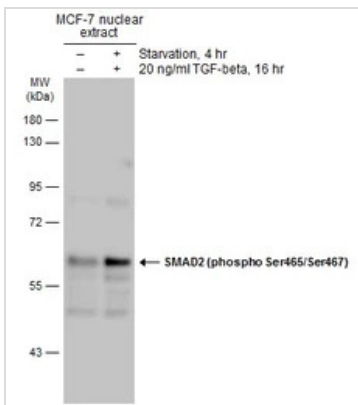
SMAD2 (phospho Ser465/Ser467) antibody detects SMAD2 (phospho Ser465/Ser467) protein at nucleus by immunofluorescent analysis.

Sample: Mock and treated HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: SMAD2 (phospho Ser465/Ser467) stained by SMAD2 (phospho Ser465/Ser467) antibody (GTX133614) diluted at 1:1500.

Red: phalloidin, a cytoskeleton marker, diluted at 1:100.

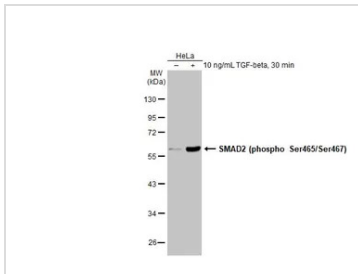
Scale bar= 10 μm.



GTX133614 WB Image

Untreated (-) and treated (+) MCF-7 whole cell extract (30 μg) were separated by 10% SDS-PAGE, and the membrane was blotted with SMAD2 (phospho Ser465/Ser467) antibody (GTX133614) diluted at 1:1000.

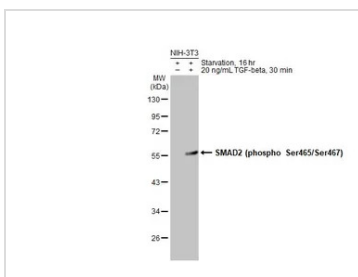
The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX133614 WB Image

Untreated (-) and treated (+) HeLa whole cell extracts (30 μg) were separated by 10% SDS-PAGE, and the membrane was blotted with SMAD2 (phospho Ser465/Ser467) antibody (GTX133614) diluted at 1:1000.

The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX133614 WB Image

Untreated (-) and treated (+) NIH-3T3 whole cell extracts (30 μg) were separated by 10% SDS-PAGE, and the membrane was blotted with SMAD2 (phospho Ser465/Ser467) antibody (GTX133614) diluted at 1:1000.

The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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