

## SMAD2 (phospho Ser465/Ser467) antibody

Cat. No. GTX133614

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application	WB, ICC/IF, FACS
Reactivity	Human, Mouse

Reference ( 7 )

★★★★★ Review ( 2 )

Package

100 µl, 25 µl

## APPLICATION

## 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
FACS	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

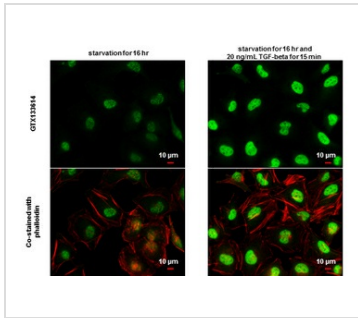
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Date 2024 / 05 / 08 Page 1 of 2

**DATA IMAGES**

**GTX133614 ICC/IF Image**

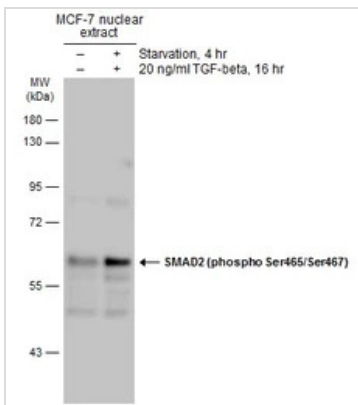
SMAD2 (phospho Ser465/Ser467) antibody detects SMAD2 (phospho Ser465/Ser467) protein at nucleus by immunofluorescent analysis.

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.

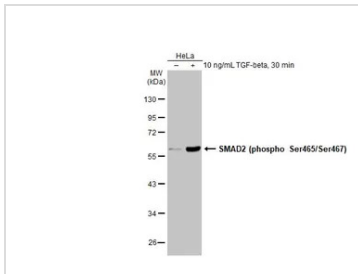
Red: phalloidin, a cytoskeleton marker, diluted at 1:100.

Scale bar= 10 μm.


**GTX133614 WB Image**

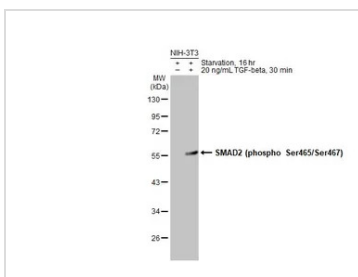
Untreated (-) and treated (+) MCF-7 whole cell extract (30 μg) were separated by 10% SDS-PAGE, and the membrane was blotted with SMAD2 (phospho Ser465/Ser467) antibody (GTX133614) diluted at 1:1000.

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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