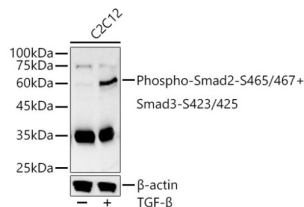
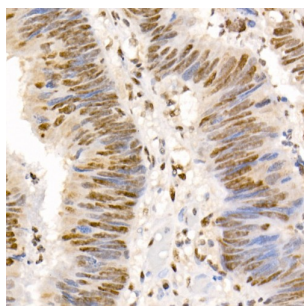


Smad2 (pS465 / 467) / Smad3 (pS423 / 425) Antibody

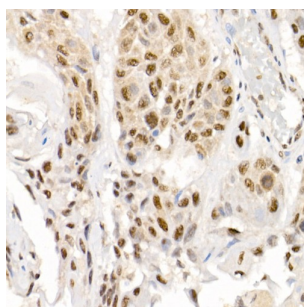
Catalogue No.: abx125449



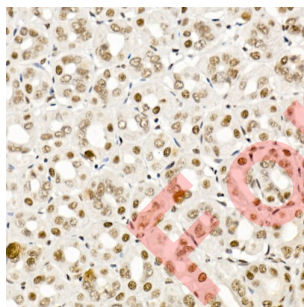
Western blot analysis of lysates from C2C12 cells, using Phospho-Smad2-S465/467 + Smad3-S423/425 Antibody at 1/800 dilution. C2C12 cells were treated by TGF- β (10 ng/ml) at 37 °C for 30 minutes. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 30s.



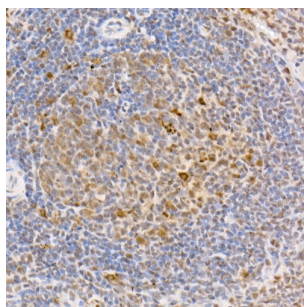
Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using Phospho-Smad2-S465/467 + Smad3-S423/425 Antibody at dilution of 1/50 (40x lens). High pressure antigen retrieval performed in 0.01 M Citrate buffer (pH 6.0) prior to IHC staining.



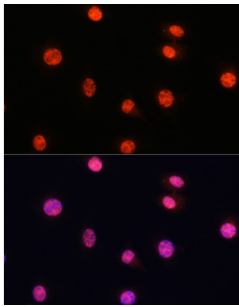
Immunohistochemistry analysis of paraffin-embedded Human esophageal cancer using Phospho-Smad2-S465/467 + Smad3-S423/425 Antibody at dilution of 1/50 (40x lens). High pressure antigen retrieval performed in 0.01 M Citrate buffer (pH 6.0) prior to IHC staining.



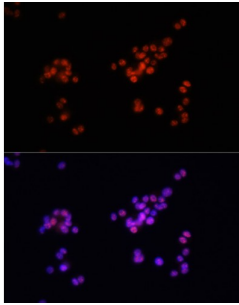
Immunohistochemistry analysis of paraffin-embedded Mouse stomach using Phospho-Smad2-S465/467 + Smad3-S423/425 Antibody at dilution of 1/50 (40x lens). High pressure antigen retrieval performed in 0.01 M Citrate buffer (pH 6.0) prior to IHC staining.



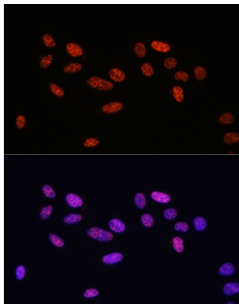
Immunohistochemistry analysis of paraffin-embedded Rat spleen using Phospho-Smad2-S465/467 + Smad3-S423/425 Antibody at dilution of 1/50 (40x lens). High pressure antigen retrieval performed in 0.01 M Citrate buffer (pH 6.0) prior to IHC staining.



Immunofluorescence analysis of L929 cells using Phospho-Smad2-S465/467 + Smad3-S423/425 Antibody at dilution of 1/100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using Phospho-Smad2-S465/467 + Smad3-S423/425 Antibody at dilution of 1/100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using Phospho-Smad2-S465/467 + Smad3-S423/425 Antibody at dilution of 1/100. Blue: DAPI for nuclear staining.

Smad2 (pS465/467) / Smad3 (pS423/425) Antibody is a Rabbit Polyclonal Antibody against Smad2 (pS465/467) / Smad3 (pS423/425).

Target: Smad2 (pS465/467) / Smad3 (pS423/425)

Clonality: Polyclonal

Modification: Phosphorylation

Reactivity: Human, Mouse, Rat

Tested Applications: ELISA, WB, IHC, IF/ICC

Host: Rabbit

Recommended dilutions: ELISA: 1 µg/ml, WB: 1/500 - 1/1000, IHC-P: 1/50 - 1/200, IF/ICC: 1/50 - 1/200. Not tested in IHC-F.
Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Datasheet

Version: 6.0.0
Revision date: 08 Sep 2025



Immunogen:	Synthetic peptide corresponding to Smad2 (pS465/467) / Smad3 (pS423/425). The exact sequence is proprietary.
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q15796 (UniProt , ExPASy) P84022 (UniProt , ExPASy)
Gene Symbol:	SMAD2, SMAD3
GenelD:	4087 4088
NCBI Accession:	NP_005892.1
Molecular Weight:	Calculated MW: 48 kDa, 52 kDa, 25 kDa, 35 kDa, 43 kDa Observed MW: 60 kDa
Buffer:	PBS, pH 7.3, containing 0.05% Proclin-300, 50% glycerol.
Concentration:	0.5 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.