

# SMAD3 Polyclonal Antibody

## Product Details

Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide corresponding to a central region unique to Smad3
Form	Liquid
Concentration	1.2 µg/mL
Purification	Antigen affinity chromatography
Storage buffer	0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/mL BSA, 50% glycerol
Contains	no preservative
Storage conditions	-20°C
RRID	AB_10981224

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	1 Publication
Immunocytochemistry (ICC/IF)	1:50	-
Immunoprecipitation (IP)	1:25	-

## Product Specific Information

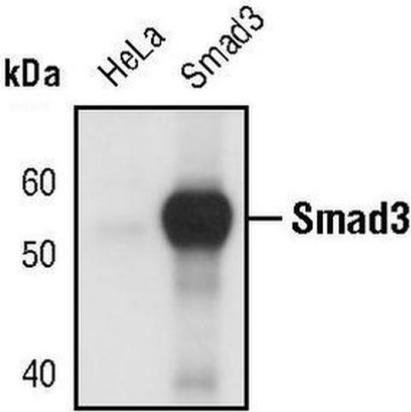
Antibodies to this protein (and modification) were previously sold as part of a Thermo Scientific Cellomics High Content Screening Kit. This replacement antibody is now recommended for researchers who need an antibody for high content cell based assays. It has been thoroughly tested and validated for cellular immunofluorescence (IF) applications. Further optimization including the selection of the most appropriate fluorescent Dylight conjugated secondary antibody may have to be performed for your high content assay.

It is not recommended to aliquot this antibody.

Product Images For SMAD3 Polyclonal Antibody

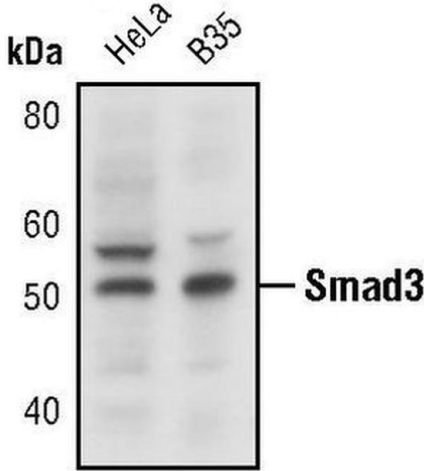
SMAD3 Antibody (PA5-17378) in WB

Western blot analysis of Smad3 in extracts from HeLa and B35 cell lines using Smad3 polyclonal antibody (Product # PA5-17378).



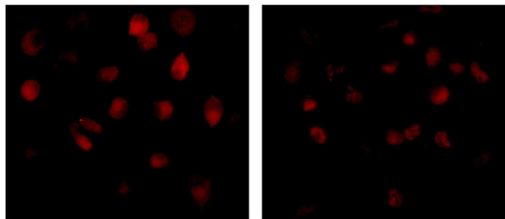
SMAD3 Antibody (PA5-17378) in WB

Western blot analysis of Smad3 in extracts from HeLa cells transfected with Smad3 using Smad3 polyclonal antibody (Product # PA5-17378).



SMAD3 Antibody (PA5-17378) in ICC/IF

Immunofluorescent analysis of SMAD3 using a polyclonal antibody (Product # PA5-17378).



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## Western Blot (1)

Molecules (Basel, Switzerland)

Year  
2021

### In Vivo Investigation of the Ameliorating Effect of Tempol against MIA-Induced Knee Osteoarthritis in Rats: Involvement of TGF-1/SMAD3/NOX4 Cue.

"Published figure using SMAD3 polyclonal antibody (Product # PA5-17378) in Western Blot"

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