Product Data Sheet

Phospho-Smad3 pSer423+425 Antibody (E.117.7)

(This product has been discontinued.)

Tested Species Reactivity
Human (Hu)
Mouse (Ms)
Rat (Rt)
Non-human primate (Nhp)
Bovine (Bv)
Xenopus laevis (Xl)
Zebrafish (Zf)

Tested Applications	Dilution *
Western Blot (WB)	1:1000
Immunoprecipitation (IP)	1:50
ChIP assay (ChIP)	1:100

* Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.

Details	
Catalog Number:	MA5-11193
Size:	100 µL
Class:	Monoclonal
Type:	Antibody
Clone:	E.117.7
Host / Isotype:	Rabbit / IgG
Immunogen:	Synthetic phosphopeptide (KLH-coupled) corresponding to residues surrounding Ser423/425 of Smad3.

Form Information	
Form:	Liquid
Purification:	Affinity chromatography
Storage Buffer:	0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/ml BSA, 50% glycerol
Preservative:	<0.02% sodium azide
Storage Conditions:	-20° C, Avoid Freeze/Thaw Cycles

Product Specific Information

Anti-Phospho-Smad3 (Ser423/425) Monoclonal Antibody MA5-11193 reacts with human, mouse and rat samples, and has been tested and validated in use for Western Blot, Immunoprecipitation, and ChIP application. Predicted to react with non-human primate, xenopus, zebrafish and bovine based on sequence homology.

A molecular weight of approximately 52 kDa is expected.

General Information

The protein encoded by this gene belongs to the SMAD, a family of proteins similar to the gene products of the Drosophila gene 'mothers against decapentaplegic' (Mad) and the C. elegans gene Sma. SMAD proteins are signal transducers and transcriptional modulators that mediate multiple signaling pathways. This protein functions as a transcriptional modulator activated by transforming growth factor-beta and is thought to play a role in the regulation of carcinogenesis.

This product is for In Vitro experimental use only. Not for resale without express authorization.

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