

For Research Use Only

IHCeasy SMAD4 Ready-To-Use IHC Kit

Catalog Number: KHC1713

General Information

Sample type: FFPE tissue Cited sample type: Reactivity: Human, Mouse, Rat Cited Reactivity: Assay type: Immunohistochemistry Primary antibody type: Rabbit Polyclonal Secondary antibody type: Polymer-HRP-Goat anti-Rabbit

Kit Component

Size	Concentration
100 mL	50×
100 mL ×2	20×
5 mL	RTU
5 mL	RTU
5 mL	RTU
0.2 mL	RTU
4 mL	RTU
5 mL	RTU
5 mL	RTU
5 mL	RTU
1 slide (Optional)	FFPE
1 Сору	
1 Сору	
	100 mL 100 mL ×2 5 mL 5 mL 5 mL 0.2 mL 4 mL 5 mL 5 mL 5 mL 5 mL 1 slide (Optional) 1 Copy

Storage Instructions

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

Background

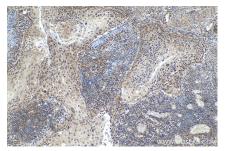
Mammalian homologs of the Drosophila Mad gene include Smad1, Smad2, Smad3, Smad4 (DPC4), Smad5, Smad6, Smad7 and Smad8. Smad1 and Smad5 are effectors of BMP2 and BMP4 function while Smad2 and Smad3 are involved in TGF and activin-mediated growth modulation. Smad4 has been shown to mediate all of the above activities through interaction with various Smad family members . Smad6 and Smad7 regulate the response to activin/ TGF signaling by interfering with TGF -mediated phosphorylation of other Smad family members.

Synonyms

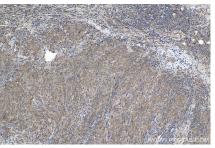
DPC4, hSMAD4, JIP, MAD homolog 4, MADH4, Mothers against DPP homolog 4, SMAD 4, SMAD family member 4, SMAD4

For technical support and original validation data for this product please contact: T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

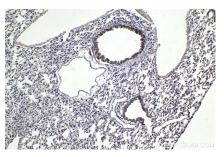
Selected Validation Data



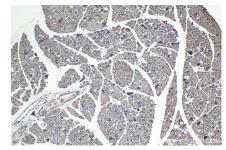
Immunohistochemical analysis of paraffinembedded human cervical cancer tissue slide using KHC1713 (SMAD4 IHC Kit).



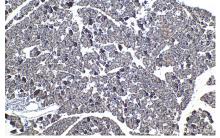
Immunohistochemical analysis of paraffinembedded human skin cancer tissue slide using KHC1713 (SMAD4 IHC Kit).



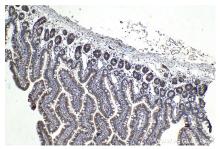
Immunohistochemical analysis of paraffinembedded mouse lung tissue slide using KHC1713 (SMAD4 IHC Kit).



Immunohistochemical analysis of paraffinembedded mouse pancreas tissue slide using KHC1713 (SMAD4 IHC Kit).



Immunohistochemical analysis of paraffinembedded rat pancreas tissue slide using KHC1713 (SMAD4 IHC Kit).



Immunohistochemical analysis of paraffinembedded rat small intestine tissue slide using KHC1713 (SMAD4 IHC Kit).