

For Research Use Only

SMAD5 Monoclonal antibody, PBS Only



Catalog Number: 67052-1-PBS

Basic Information

Catalog Number: 67052-1-PBS	GenBank Accession Number: BC009682	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 4090	CloneNo.: 1A6A4
Source: Mouse	UNIPROT ID: Q99717	
Isotype: IgG2a	Full Name: SMAD family member 5	
Immunogen Catalog Number: AG28699	Calculated MW: 465 aa, 52 kDa	
	Observed MW: 52 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
Human, mouse, rat

Background Information

SMAD5, also named as MADH5 and JV5-1, is a transcriptional modulator activated by BMP (bone morphogenetic proteins) type 1 receptor kinase. SMAD5 is a receptor-regulated SMAD (R-SMAD). It plays a critical role in the signaling pathway by which TGF-beta inhibits the proliferation of human hematopoietic progenitor cells.

Storage

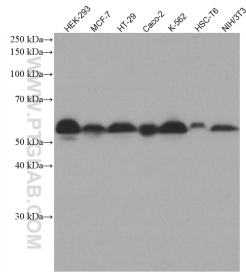
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

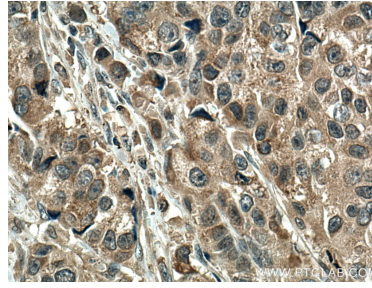
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67052-1-Ig (SMAD5 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67052-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67052-1-Ig (SMAD5 antibody) at dilution of 1:300 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67052-1-PBS in a different storage buffer formulation.