

For Research Use Only

SMAD3 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number:87035-4-PBS



Basic Information

Catalog Number: 87035-4-PBS	GenBank Accession Number: NM_005902	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 4088	CloneNo.: 251981E7
Isotype: IgG	UNIPROT ID: P84022	
Immunogen Catalog Number: AG32623	Full Name: SMAD family member 3	
	Calculated MW: 48 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Background Information

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:

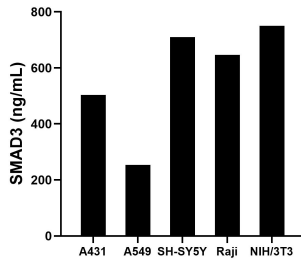
T: 4006900926

E: Proteintech-CN@ptglab.com

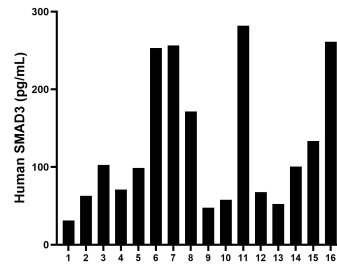
W: ptgcn.com

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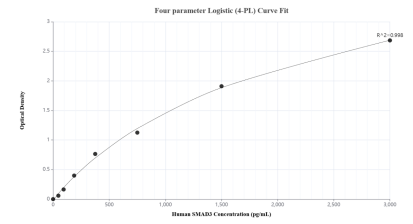
Selected Validation Data



The mean SMAD3 concentration was determined to be 503.2 ng/mL in A431 cell extract based on a 1.2 mg/mL extract load, 253.4 ng/mL in A549 cell extract based on a 1.2 mg/mL extract load, 709.6 ng/mL in SH-SY5Y cell extract based on a 1.2 mg/mL extract load, 646.7 ng/mL in Raji cell extract based on a 1.2 mg/mL extract load and 750.4 ng/mL in NIH/3T3 cell extract based on a 1.2 mg/mL extract load.



Serum of sixteen individual healthy human donors was measured. The SMAD3 concentration of detected samples was determined to be 128.2 pg/mL with a range of 31.3-281.8 pg/mL.



Sandwich ELISA standard curve of MP02853-2, Human SMAD3 Recombinant Matched Antibody Pair - PBS only. 87035-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag32623. 87035-1-PBS was HRP conjugated as the detection antibody. Range: 46.9-3000 pg/mL