

For Research Use Only

SUB1 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 88052-1-PBS



Basic Information

Catalog Number: 88052-1-PBS	GenBank Accession Number: BC009610	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 10923	CloneNo.: 260206C11
Source: Rabbit	UNIPROT ID: P53999	
Isotype: IgG	Full Name: SUB1 homolog (S. cerevisiae)	
Immunogen Catalog Number: AG1390	Calculated MW: 14 kDa	
	Observed MW: 18-20 kDa	

Applications

Tested Applications:
WB, Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

88052-1-PBS targets SUB1 as part of a matched antibody pair:

MP03355-2: 88052-3-PBS capture and 88052-1-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Background Information

SUB1 gene encodes activated RNA polymerase II transcriptional coactivator p15, also termed as positive cofactor 4 (PC4) or p14. SUB1 is a sort of general coactivator that functions in assembling and stabilization of transcription complex. It has DNA binding activity and is localized in the nucleus, multiple modification sites of phosphorylation or acetylation may turn it appear slightly shifted molecular weight.

Storage

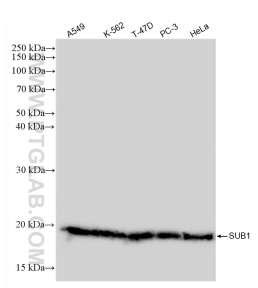
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

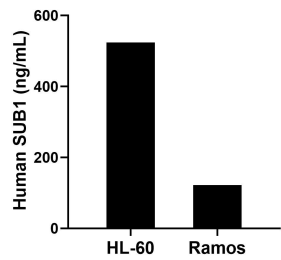
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

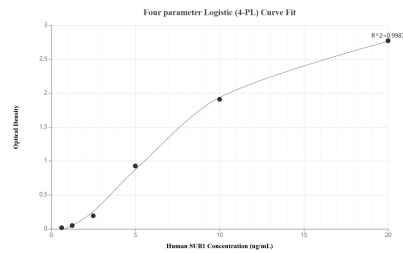
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88052-1-RR (SUB1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 88052-1-PBS in a different storage buffer formulation.



The mean SUB1 concentration was determined to be 523.40 ng/mL in HL-60 cell extract based on a 1.20 mg/mL extract load and 122.10 ng/mL in Ramos cell extract based on a 1.50 mg/mL extract load.



Sandwich ELISA standard curve of MP03355-2, Human SUB1 Recombinant Matched Antibody Pair - PBS only. 88052-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag1390. 88052-1-PBS was HRP conjugated as the detection antibody. Range: 0.625-20 ng/mL.