

For Research Use Only

SP100 Recombinant antibody, PBS Only (Capture)

Catalog Number: 84012-4-PBS



Basic Information

Catalog Number: 84012-4-PBS	GenBank Accession Number: BC011562	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 6672	CloneNo.: 241153F3
Source: Rabbit	UNIPROT ID: P23497	
Isotype: IgG	Full Name: SP100 nuclear antigen	
Immunogen Catalog Number: AG35193	Calculated MW: 879 aa, 100 kDa	
	Observed MW: 70-100 kDa	

Applications

Tested Applications:
WB, Cytometric bead array, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

SP100 nuclear antigen, belongs to the nuclear bodies (NBs), has a role in the control of gene expression. It contains a HSR domain, which is important for the nuclear body targeting as well as for the dimerization, and one PxVxL motif, which is required for interaction with chromoshadow domains. Sp100 is an acidic protein that exerts a highly aberrant electrophoretic mobility in SDS-polyacrylamide gel electrophoresis.

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

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

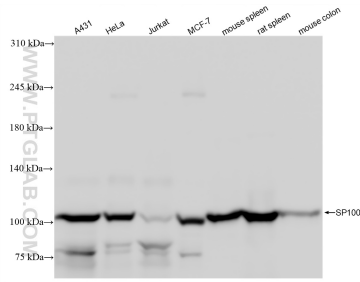
T: 4006900926

E: Proteintech-CN@ptglab.com

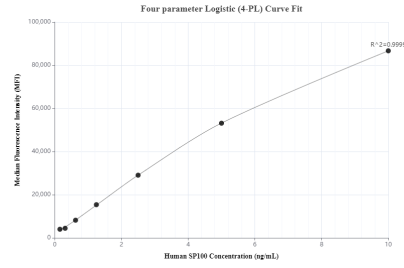
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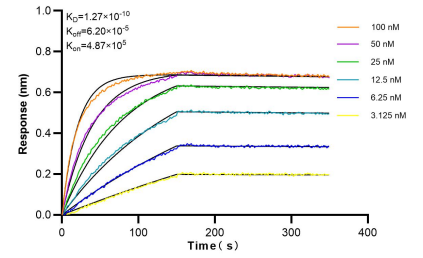
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84012-4-RR (SP100 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84012-4-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP00964-1, SP100 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84012-4-PBS. Detection antibody: 84012-2-PBS. Standard: Ag35193. Range: 0.156-10 ng/mL.



Bi-layer interferometry (BLI) kinetic assays of 84012-4-RR against Human SP100 were performed. The affinity constant is 0.127 nM.