

For Research Use Only

HSCB Recombinant antibody, PBS Only (Capture)

Catalog Number: 85185-4-PBS



Basic Information

Catalog Number: 85185-4-PBS	GenBank Accession Number: BC065569	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 150274	CloneNo.: 242836H3
Source: Rabbit	UNIPROT ID: Q8IWL3	
Isotype: IgG	Full Name: HscB iron-sulfur cluster co-chaperone homolog (E. coli)	
Immunogen Catalog Number: AG7268	Calculated MW: 27 kDa	
	Observed MW: 27 kDa	

Applications

Tested Applications:
WB, Cytometric bead array, Indirect ELISA

Species Specificity:
human, rat

Product Information

85185-4-PBS targets HSCB as part of a matched antibody pair:

MP01886-1: 85185-4-PBS capture and 85185-3-PBS detection (validated in Cytometric bead array)

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

HSCB, also named as HSC20 and DNAJC20, acts as a co-chaperone in iron-sulfur cluster assembly in mitochondria.

Storage

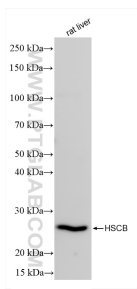
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

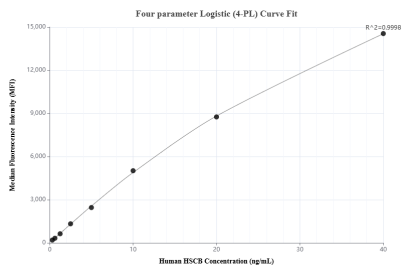
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

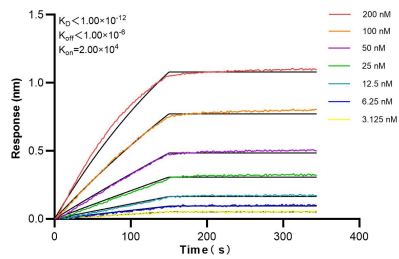
Selected Validation Data



rat liver tissue were subjected to SDS PAGE followed by western blot with 85185-4-RR (HSCB antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85185-4-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP01886-1, HSCB Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85185-4-PBS. Detection antibody: 85185-3-PBS. Standard: Ag7268. Range: 0.313-40 ng/mL.



Biolayer interferometry (BLI) kinetic assays of 85185-4-RR against Human HSCB were performed. The affinity constant is below 1 pM.