

For Research Use Only

HARS Recombinant antibody, PBS Only (Detector)

Catalog Number: 83497-2-PBS



Basic Information

Catalog Number: 83497-2-PBS	GenBank Accession Number: BC011807	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 3035	CloneNo.: 240495C3
Source: Rabbit	UNIPROT ID: P12081	
Isotype: IgG	Full Name: histidyl-tRNA synthetase	
Immunogen Catalog Number: AG9333	Calculated MW: 509 aa, 57 kDa	

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

83497-2-PBS targets HARS as part of a matched antibody pair:

MP00486-1: 83497-1-PBS capture and 83497-2-PBS detection (validated in Cytometric bead array, 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.

Storage

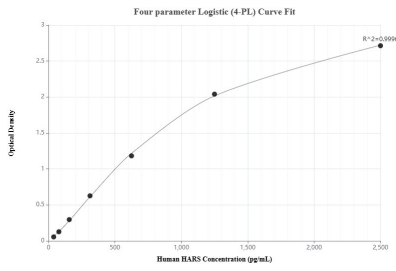
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

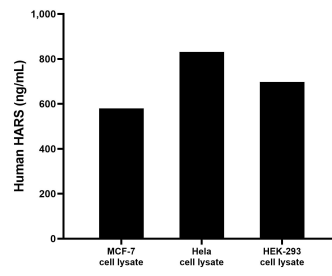
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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

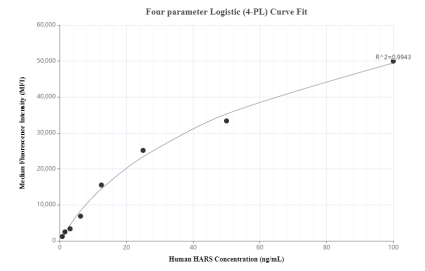
Selected Validation Data



Sandwich ELISA standard curve of MP00486-1, Human HARS Recombinant Matched Antibody Pair - PBS only. 83497-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag9333. 83497-2-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL



MCF-7, HeLa and HEK-293 cell lysates were measured. The human HARS concentration of detected samples was determined to be 579.62 ng/mL (based on a 4.3 mg/mL extract load) in MCF-7 cell lysate, 830.79 ng/mL (based on a 3.6 mg/mL extract load) in HeLa cell lysate and 698.03 ng/mL (based on a 3.4 mg/mL extract load) in HEK-293 cell lysate.



Cytometric bead array standard curve of MP00486-1, HARS Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83497-1-PBS. Detection antibody: 83497-2-PBS. Standard: Ag9333. Range: 0.78-100 ng/mL