

For Research Use Only

HAT1 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 86815-2-PBS



Basic Information

Catalog Number: 86815-2-PBS	GenBank Accession Number: BC018682	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 8520	CloneNo.: 251855C8
Source: Rabbit	UNIPROT ID: O14929	
Isotype: IgG	Full Name: histone acetyltransferase 1	
Immunogen Catalog Number: AG1952	Calculated MW: 419 aa, 50 kDa	

Applications

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

Species Specificity:
human

Product Information

86815-2-PBS targets HAT1 as part of a matched antibody pair:

MP02697-1: 86815-3-PBS capture and 86815-2-PBS detection (validated in Cytometric bead array)

MP02697-2: 86815-4-PBS capture and 86815-2-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.

Storage

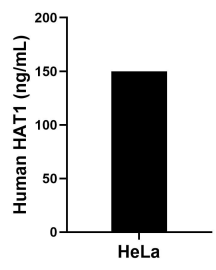
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

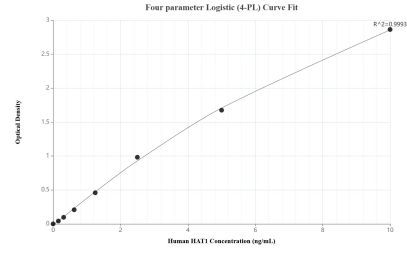
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

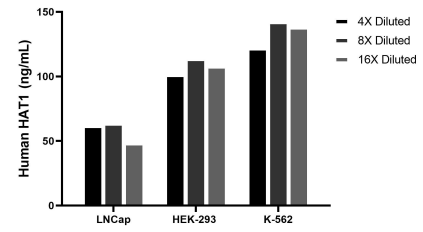
Selected Validation Data



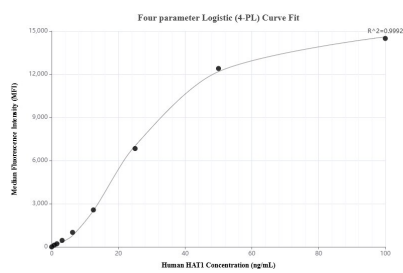
The mean HAT1 concentration was determined to be 149.88 ng/mL in HeLa cell extract based on a 1.20 mg/mL extract load.



Sandwich ELISA standard curve of MP02697-2, Human HAT1 Recombinant Matched Antibody Pair - PBS only. 86815-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag1952. 86815-2-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL.



The mean HAT1 concentration was determined to be 57.8 ng/mL in LNCap cell extract based on a 1.0 mg/mL extract load, 107.5 ng/mL in HEK-293 cell extract based on a 1.2 mg/mL extract load, 133.9 ng/mL in K-562 cell extract based on a 1.2 mg/mL extract load.



Cytometric bead array standard curve of MP02697-1, HAT1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 86815-3-PBS. Detection antibody: 86815-2-PBS. Standard: Ag1952. Range: 0.781-100 ng/mL.