

# CHAT Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number: 81994-4-PBS

## Basic Information

<b>Catalog Number:</b> 81994-4-PBS	<b>GenBank Accession Number:</b> NM_020549	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 1103	<b>CloneNo.:</b> 240604F5
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P28329	
<b>Isotype:</b> IgG	<b>Full Name:</b> choline acetyltransferase	
	<b>Calculated MW:</b> 83 kDa	

## Applications

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

**Species Specificity:**  
Human

## Product Information

81994-4-PBS targets CHAT as part of a matched antibody pair.

MP00576-1: 81994-4-PBS capture and 81994-3-PBS detection (validated in Cytometric bead array)

MP00576-2: 81994-2-PBS capture and 81994-4-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.

## Storage

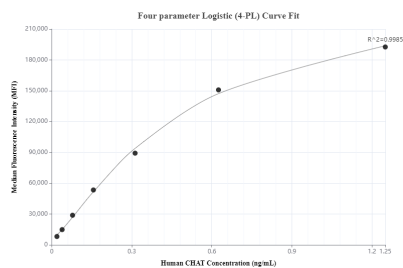
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

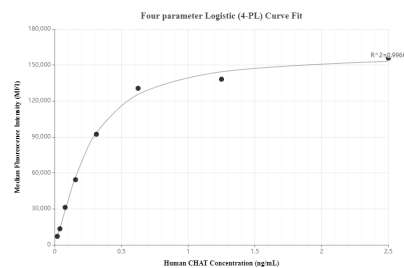
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

## Selected Validation Data



Cytometric bead array standard curve of MP00576-1, CHAT Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 81994-4-PBS. Detection antibody: 81994-3-PBS. Standard: SY00995. Range: 19.5-1250 pg/mL.



Cytometric bead array standard curve of MP00576-2, CHAT Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 81994-2-PBS. Detection antibody: 81994-4-PBS. Standard: SY00995. Range: 19.5-2500 pg/mL.