

For Research Use Only

DDC Recombinant antibody, PBS Only (Detector)

Catalog Number: 85811-3-PBS



Basic Information

Catalog Number: 85811-3-PBS	GenBank Accession Number: BC008366	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 1644	CloneNo.: 243125B9
Source: Rabbit	UNIPROT ID: P20711	
Isotype: IgG	Full Name: dopa decarboxylase (aromatic L-amino acid decarboxylase)	
Immunogen Catalog Number: AG0219	Calculated MW: 54 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

85811-3-PBS targets DDC as part of a matched antibody pair.

MP02154-1: 85811-4-PBS capture and 85811-3-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.

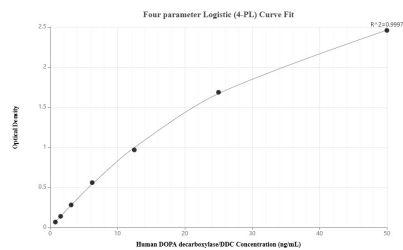
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

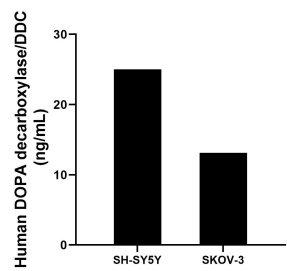
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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 MP02154-1, Human DOPA decarboxylase/DDC Recombinant Matched Antibody Pair - PBS only. 85811-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag0219. 85811-3-PBS was HRP conjugated as the detection antibody. Range: 0.781-50 ng/mL



The mean DOPA decarboxylase/DDC concentration was determined to be 25.03 ng/mL in SH-SY5Y cell extract based on a 3.2 mg/mL extract load and 13.12 ng/mL in SKOV-3 cell extract based on a 1.2 mg/mL extract load.