For Research Use Only

DDC Recombinant antibody, PBS Only (Capture)

Catalog Number:85811-4-PBS

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Antibodies | ELISA kits | Proteins
Uni-rAb
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Basic Information

Catalog Number:
85811-4-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG0219

GenBank Accession Number:
BC008366

GeneID (NCBI):
1644

UNIPROT ID:
P20711

Full Name:
dopa decarboxylase (aromatic L-amino acid decarboxylase)

Calculated MW:
54 kDa

Purification Method:
Protein A purification

CloneNo.:
243125G12

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

85811-4-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.

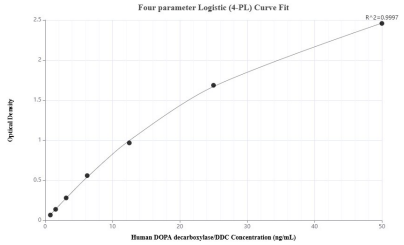
This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications.Antibody use should be optimized by the end user for each application and assay.

Storage

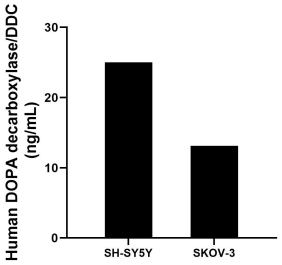
Storage:
Store at -80°C.
Storage Buffer:
PBS Only

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

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.