For Research Use Only

Rat CD126/IL-6R alpha Recombinant antibody, PBS Only (Detector)

Catalog Number:84867-2-PBS

proteintech®
Antibodies | ELISA kits | Proteins
Uni-rAb
www.ptglab.com

Basic Information

Catalog Number:
84867-2-PBS

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

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG3349

GenBank Accession Number:
NM_017020.3

GeneID (NCBI):
24499

Full Name:
interleukin 6 receptor, alpha

Calculated MW:
50 kDa

Purification Method:
Protein A purification

CloneNo.:
242284C8

Applications

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

Species Specificity:
rat

Product Information

84867-2-PBS targets CD126/IL-6R alpha as part of a matched antibody pair:

MP01638-1: 84867-1-PBS capture and 84867-2-PBS detection (validated in Cytometric bead array, Sandwich ELISA)

MP01638-2: 84867-3-PBS capture and 84867-2-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.

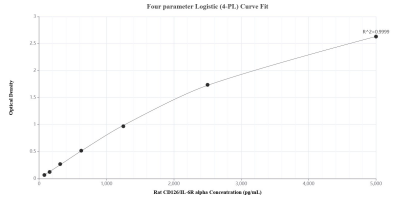
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

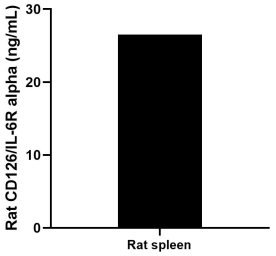
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

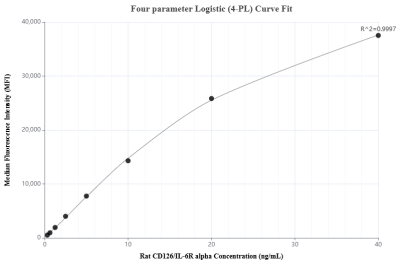
Selected Validation Data



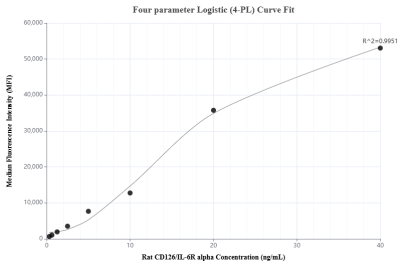
Sandwich ELISA standard curve of MP01638-1, Rat CD126/IL-6R alpha Recombinant Matched Antibody Pair - PBS only. 84867-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3349. 84867-2-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL.



The mean CD126/IL-6R alpha concentration was determined to be 26.5 ng/mL in rat spleen tissue extract based on a 2.7 mg/mL extract load.



Cytometric bead array standard curve of MP01638-2, RAT CD126/IL-6R alpha Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84867-3-PBS. Detection antibody: 84867-2-PBS. Standard: Eg3349. Range: 0.313-40 ng/mL.



Cytometric bead array standard curve of MP01638-1, RAT CD126/IL-6R alpha Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84867-1-PBS. Detection antibody: 84867-2-PBS. Standard: Eg3349. Range: 0.313-40 ng/mL.