

For Research Use Only

# IL-7Ra/CD127 Recombinant antibody, PBS Only (Capture)

Catalog Number: 83723-3-PBS



## Basic Information

Catalog Number:

83723-3-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

AAC83204.1

GeneID (NCBI):

3575

ENSEMBL Gene ID:

ENSG00000168685

UNIPROT ID:

P16871-1(I66T, V138I)

Full Name:

interleukin 7 receptor

Calculated MW:

52 kDa

Purification Method:

Protein A purification

CloneNo.:

240749C2

## Applications

Tested Applications:

Cytometric bead array, Sandwich ELISA, Indirect ELISA,  
Sample test

Species Specificity:

human

## Background Information

### Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

For technical support and original validation data for this product please contact:

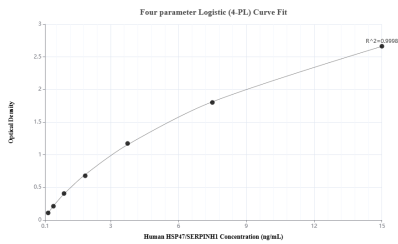
T: 4006900926

E: Proteintech-CN@ptglab.com

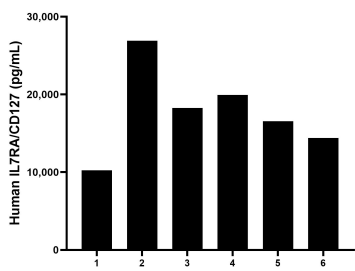
W: ptgcn.com

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

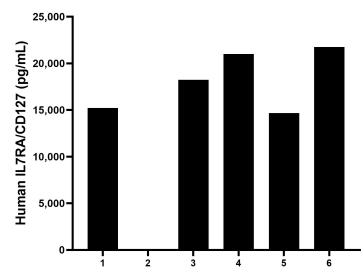
Selected Validation Data



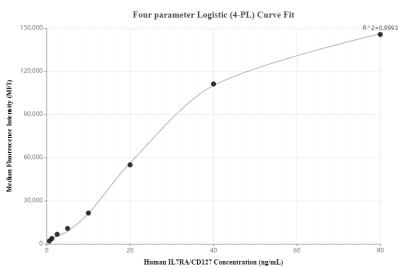
Sandwich ELISA standard curve of MP00704-3, Human IL-7Ra/CD127 Recombinant Matched Antibody Pair - PBS only. 83723-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1279. 83723-2-PBS was HRP conjugated as the detection antibody. Range: 19.5-1250 pg/mL



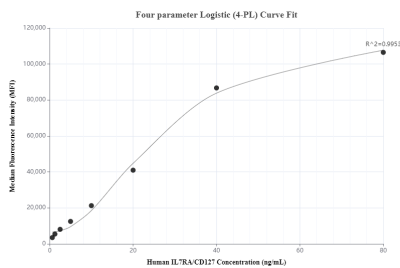
Plasma of six humans was measured. The human IL-7Ra/CD127 concentration of detected samples was determined to be 17,709.98 pg/mL with a range of 10,229.95 - 26,911.57 pg/mL



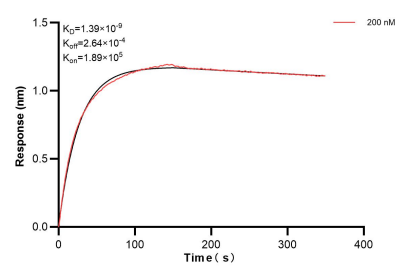
Serum of six humans was measured. The human IL-7Ra/CD127 concentration of detected samples was determined to be 18,168.16 pg/mL with a range of 14,661.52 - 21,740.24 pg/mL



Cytometric bead array standard curve of MP00704-2, IL-7Ra/CD127 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83723-3-PBS. Detection antibody: 83723-1-PBS. Standard: Eg1279. Range: 0.625-80 ng/mL



Cytometric bead array standard curve of MP00704-3, IL-7Ra/CD127 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83723-3-PBS. Detection antibody: 83723-2-PBS. Standard: Eg1279. Range: 0.625-80 ng/mL



Bi-layer interferometry (BLI) kinetic assay of 83723-3-PBS against Human IL-7Ra/CD127 was performed. The affinity constant is 1.39 nM.