

For Research Use Only

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

Catalog Number: 83723-1-PBS



## Basic Information

|  |  |   |
|--|--|---|
| <b>Catalog Number:</b><br>83723-1-PBS                          | <b>GenBank Accession Number:</b><br>AAC83204.1 | <b>Purification Method:</b><br>Protein A purification |
| <b>Size:</b><br>100ug , Concentration: 1 mg/ml by<br>Nanodrop; | <b>GeneID (NCBI):</b><br>3575                  | <b>CloneNo.:</b><br>240749B2                          |
| <b>Source:</b><br>Rabbit                                       | <b>ENSEMBL Gene ID:</b><br>ENSG00000168685     |   |
| <b>Isotype:</b><br>IgG   | <b>UNIPROT ID:</b><br>P16871-1(I66T, V138I)    |   |
|  | <b>Full Name:</b><br>interleukin 7 receptor    |   |
|  | <b>Calculated MW:</b><br>52 kDa                |   |

## Applications

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

**Species Specificity:**  
human

## Product Information

83723-1-PBS targets IL-7Ra/CD127 as part of a matched antibody pair:

MP00704-1: 83723-2-PBS capture and 83723-1-PBS detection (validated in Cytometric bead array)

MP00704-2: 83723-3-PBS capture and 83723-1-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

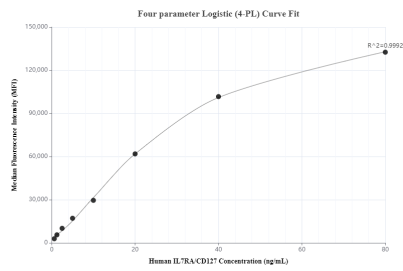
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)

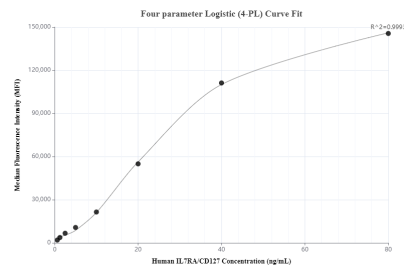
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

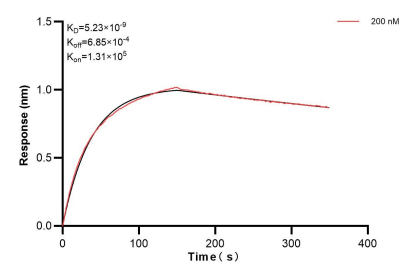
# Selected Validation Data



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



Biolayer interferometry (BLI) kinetic assay of 83723-1-PBS against Human IL-7Ra/CD127 was performed. The affinity constant is 5.23 nM.