## For Research Use Only

## IL21 Recombinant antibody, PBS Only (Capture)

Catalog Number:83781-1-PBS



**Basic Information** 

Catalog Number:

GenBank Accession Number:

**Purification Method:** Protein A purification

83781-1-PBS

BC066258 GeneID (NCBI):

CloneNo.:

240718A8

Size: 1 mg/ml

Source:

59067 UNIPROT ID:

Q9HBE4

Rabbit Isotype:

Full Name: interleukin 21

Calculated MW:

162 aa, 19 kDa

**Applications** 

**Tested Applications:** 

Cytometric bead array, Indirect ELISA

Species Specificity:

human

**Background Information** 

Storage

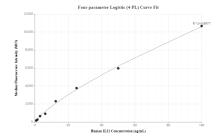
Storage:

Store at -80°C.

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

Storage Buffer: PBS Only

## Selected Validation Data



1.0 K<sub>0</sub>=7.08×10° K<sub>ol</sub>=8.45×10<sup>4</sup> K<sub>ol</sub>=8.45×10<sup>4</sup> K<sub>ol</sub>=8.121×10° 0.4 0.2 0.0 300 400 Time(s)

Cytometric bead array standard curve of MP00745-1, IL-21 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83781-1-PBS. Detection antibody: 83781-2-PBS. Standard: Eg0633. Range: 0.781-100 ng/mL.

Biolayer interferometry (BLL) kinetic assay of 83781-1-PBS against Human IL21 was performed. The affinity constant is 7.06 nM.