

For Research Use Only

# 5 Lipoxygenase Recombinant antibody, PBS Only (Capture)

Catalog Number: 83794-3-PBS



## Basic Information

Catalog Number:

83794-3-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG19503

GenBank Accession Number:

BC130332

GeneID (NCBI):

240

UNIPROT ID:

P09917

Full Name:

arachidonate 5-lipoxygenase

Calculated MW:

674 aa, 78 kDa

Purification Method:

Protein A purification

CloneNo.:

240740C1

## 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

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

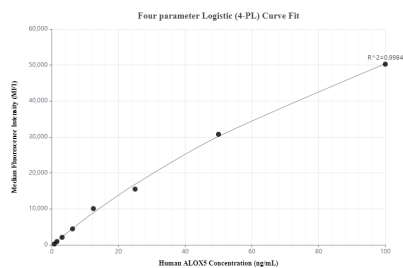
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

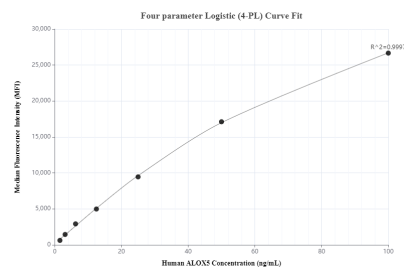
W: [ptgcn.com](http://ptgcn.com)

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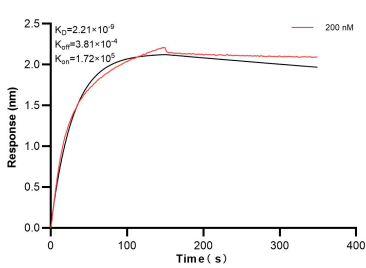
## Selected Validation Data



Cytometric bead array standard curve of MP00753-1, ALOX5 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83794-3-PBS. Detection antibody: 83794-2-PBS. Standard: Ag19503. Range: 0.78-100 ng/mL



Cytometric bead array standard curve of MP00753-2, ALOX5 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83794-3-PBS. Detection antibody: 83794-1-PBS. Standard: Ag19503. Range: 1.56-100 ng/mL



Biolayer interferometry (BLI) kinetic assay of 83794-3-PBS against Human 5 Lipoxygenase was performed. The affinity constant is 2.21 nM.