

# 5 Lipoxygenase Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP00753-1

## Capture Antibody Information

**Catalog Number:**  
83794-3-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
240740C1  
**Reactivity:**  
human  
**GenBank:**  
BC130332  
**Immunogen Catalog Number:**  
Ag19503

**Conjugate:**  
Unconjugated  
**Full name:**  
arachidonate 5-lipoxygenase  
**Gene ID:**  
240

## Detection Antibody Information

**Catalog Number:**  
83794-2-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
240740E10  
**Reactivity:**  
human  
**GenBank:**  
BC130332  
**Immunogen Catalog Number:**  
Ag19503

**Conjugate:**  
Unconjugated  
**Full name:**  
arachidonate 5-lipoxygenase  
**Gene ID:**  
240

## Applications

**Tested Applications:**  
Cytometric bead array

**Range:**  
0.78-100 ng/mL (Cytometric Bead Array)

**Recommended Dilutions:**  
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

## Product Information

MP00753-1 targets 5 Lipoxygenase in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: ALOX5 Recombinant antibody, PBS Only (Capture) 83794-3-PBS (240740C1). 100 µg. Concentration 1 mg/ml.

Detection antibody: ALOX5 Recombinant antibody, PBS Only (Detector) 83794-2-PBS (240740E10). 100 µg. Concentration 1 mg/ml.

Alternative 5 Lipoxygenase matched antibody pairs: MP00753-2

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

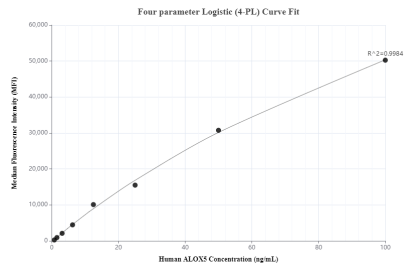
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

## 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



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