

# Islet 1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP00771-4

## Capture Antibody Information

<b>Catalog Number:</b> 83784-7-PBS	<b>Clone ID:</b> 240833C9	<b>Conjugate:</b> Unconjugated
<b>Host:</b> Rabbit	<b>Reactivity:</b> human	<b>Full name:</b> ISL LIM homeobox 1
<b>Isotype:</b> IgG	<b>GenBank:</b> BC031213	<b>Gene ID:</b> 3670
<b>Purification Method:</b> Protein A purification	<b>Immunogen Catalog Number:</b> Ag33541	

## Detection Antibody Information

<b>Catalog Number:</b> 83784-6-PBS	<b>Clone ID:</b> 240833B2	<b>Conjugate:</b> Unconjugated
<b>Host:</b> Rabbit	<b>Reactivity:</b> human	<b>Full name:</b> ISL LIM homeobox 1
<b>Isotype:</b> IgG	<b>GenBank:</b> BC031213	<b>Gene ID:</b> 3670
<b>Purification Method:</b> Protein A purification	<b>Immunogen Catalog Number:</b> Ag33541	

## Applications

<b>Tested Applications:</b> Sandwich ELISA	<b>Range:</b> 0.156-10 ng/mL (Sandwich ELISA)	<b>Recommended Dilutions:</b> It is recommended that this reagent should be titrated in each testing system to obtain optimal results.
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## Product Information

MP00771-4 targets Islet 1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Islet 1 Recombinant antibody, PBS Only (Capture) 83784-7-PBS (240833C9). 100 µg. Concentration 1 mg/ml.

Detection antibody: Islet 1 Recombinant antibody, PBS Only (Detector) 83784-6-PBS (240833B2). 100 µg. Concentration 1 mg/ml.

Alternative Islet 1 matched antibody pairs: MP00771-1, MP00771-2, MP00771-3

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.

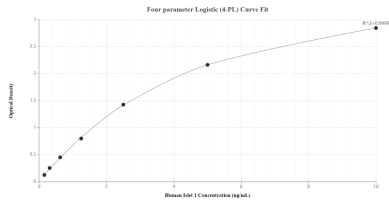
Antibody use should be optimized for each application and assay.

## Storage

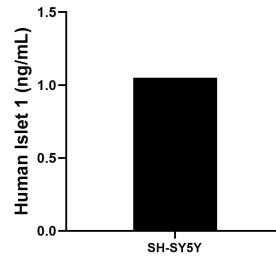
**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage buffer:**  
PBS only

## Selected Validation Data



Sandwich ELISA standard curve of MP00771-4, Human Islet 1 Recombinant Matched Antibody Pair - PBS only. 83784-7-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag33541. 83784-6-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



The mean Islet 1 concentration was determined to be 1.05 ng/mL in SH-SY5Y cell extract based on a 3.40 mg/mL extract load.