

# PAK4 Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP00743-3

## Capture Antibody Information

**Catalog Number:**  
83761-7-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
240686E12  
**Reactivity:**  
human  
**GenBank:**  
BC025282  
**Immunogen Catalog Number:**  
Ag5981

**Conjugate:**  
Unconjugated  
**Full name:**  
p21 protein (Cdc42/Rac)-activated kinase 4  
**Gene ID:**  
10298

## Detection Antibody Information

**Catalog Number:**  
83761-6-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
240686D6  
**Reactivity:**  
human  
**GenBank:**  
BC025282  
**Immunogen Catalog Number:**  
Ag5981

**Conjugate:**  
Unconjugated  
**Full name:**  
p21 protein (Cdc42/Rac)-activated kinase 4  
**Gene ID:**  
10298

## Applications

**Tested Applications:**  
Sandwich ELISA

**Range:**  
0.469-30 ng/mL (Sandwich ELISA)

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

## Product Information

MP00743-3 targets PAK4 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: PAK4 Recombinant antibody, PBS Only (Capture) 83761-7-PBS (240686E12). 100 µg. Concentration 1 mg/ml.

Detection antibody: PAK4 Recombinant antibody, PBS Only (Detector) 83761-6-PBS (240686D6). 100 µg. Concentration 1 mg/ml.

Alternative PAK4 matched antibody pairs: MP00743-1, MP00743-2

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.

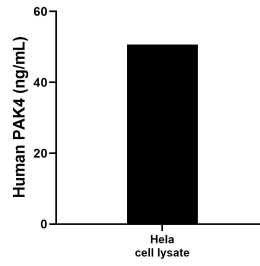
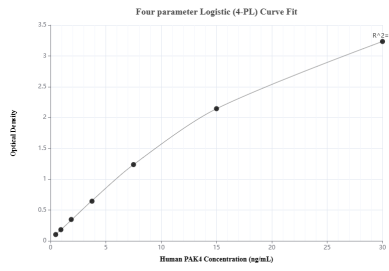
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

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



Sandwich ELISA standard curve of MP00743-3, Human PAK4 Recombinant Matched Antibody Pair - PBS only. 83761-7-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag5981. 83761-6-PBS was HRP conjugated as the detection antibody. Range: 0.469-30 ng/mL

HeLa cell lysate was measured. The human PAK4 concentration of detected samples was determined to be 50.68 ng/mL (based on a 1.20 mg/mL extract load).