

# DGKA Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02079-3**

## Capture Antibody Information

**Catalog Number:**

85764-3-PBS

**Host:**

Rabbit

**Isotype:**

IgG

**Purification Method:**

Protein A purification

**Clone ID:**

243133E11

**Reactivity:**

human

**Immunogen Catalog Number:**

Ag2075

**Conjugate:**

Unconjugated

**Full name:**

diacylglycerol kinase, alpha 80kDa

**Gene ID:**

1606

## Detection Antibody Information

**Catalog Number:**

85764-5-PBS

**Host:**

Rabbit

**Isotype:**

IgG

**Purification Method:**

Protein A purification

**Clone ID:**

243133A7

**Reactivity:**

human

**GenBank:**

BC023523

**Immunogen Catalog Number:**

Ag2075

**Conjugate:**

Unconjugated

**Full name:**

diacylglycerol kinase, alpha 80kDa

**Gene ID:**

1606

## Applications

**Tested Applications:**

Sandwich ELISA

**Range:**

1.56-100 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

MP02079-3 targets DGKA in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: DGKA Recombinant antibody, PBS Only (Capture) 85764-3-PBS (243133E11). 100 µg. Concentration 1 mg/mL.

Detection antibody: DGKA Recombinant antibody, PBS Only (Detector) 85764-5-PBS (243133A7). 100 µg. Concentration 1 mg/mL.

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.

**Storage buffer:**

PBS only

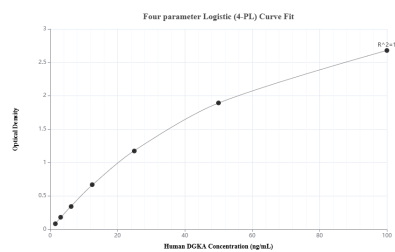
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

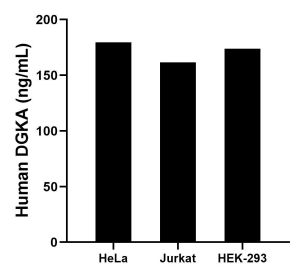
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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## Selected Validation Data



Sandwich ELISA standard curve of MP02079-3, Human DGKA Recombinant Matched Antibody Pair - PBS only. 85764-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag2075. 85764-5-PBS was HRP conjugated as the detection antibody. Range: 1.56-100 ng/mL



The mean DGKA concentration was determined to be 179.65 ng/mL in HeLa cell extract based on a 3.0 mg/mL extract load, 161.48 ng/mL in Jurkat cell extract based on a 1.9 mg/mL extract load and 173.73 ng/mL in HEK-293 cell extract based on a 2.2 mg/mL extract load.