

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
GenBank:
BC023523
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.

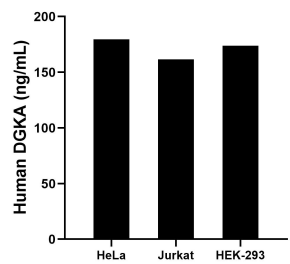
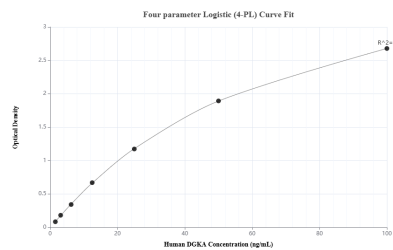
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

Storage

Storage:
Store at -80°C.
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 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.