

For Research Use Only

# KCNQ2 Monoclonal Matched Antibody Pair, PBS Only



Catalog Number:MP50721-2

## Capture Antibody Information

**Catalog Number:**  
66774-4-PBS  
**Host:**  
Mouse  
**Isotype:**  
IgG2a  
**Purification Method:**  
Protein A Magarose purification

**Clone ID:**  
1A6A7  
**Reactivity:**  
human  
**Immunogen Catalog Number:**  
Ag25781

**Conjugate:**  
Unconjugated  
**Full name:**  
potassium voltage-gated channel, KQT-like subfamily, member 2  
**Gene ID:**  
3785

## Detection Antibody Information

**Catalog Number:**  
66774-1-PBS  
**Host:**  
Mouse  
**Isotype:**  
IgG1  
**Purification Method:**  
Protein A purification

**Clone ID:**  
1D4A1  
**Reactivity:**  
human, mouse, rat, pig  
**GenBank:**  
BC000699  
**Immunogen Catalog Number:**  
Ag25781

**Conjugate:**  
Unconjugated  
**Full name:**  
potassium voltage-gated channel, KQT-like subfamily, member 2  
**Gene ID:**  
3785

## Applications

**Tested Applications:**  
Cytometric bead array

**Range:**  
0.781-100 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

MP50721-2 targets KCNQ2 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: KCNQ2 Monoclonal antibody, PBS Only (Capture) 66774-4-PBS (1A6A7). 100 µg. Concentration 1 mg/ml.

Detection antibody: KCNQ2 Monoclonal antibody, PBS Only (Detector) 66774-1-PBS (1D4A1). 100 µg. Concentration 1 mg/ml.

Alternative KCNQ2 matched antibody pairs: MP50721-1

Unconjugated mouse monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation.

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

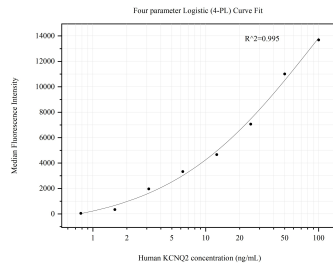
For technical support and original validation data for this product please contact:

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)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



Cytometric bead array standard curve of MP50721-2, KCNQ2 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 66774-4-PBS. Detection antibody: 66774-1-PBS. Standard: Ag25781. Range: 0.781-100 ng/mL.