

# KCNMB3 Monoclonal Matched Antibody Pair, PBS Only

Catalog Number: **MP50171-1**

## Capture Antibody Information

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|--|---|---|
| <b>Catalog Number:</b><br>68804-1-PBS                          | <b>Clone ID:</b><br>3B2D1                   | <b>Conjugate:</b><br>Unconjugated   |
| <b>Host:</b><br>Mouse  | <b>Reactivity:</b><br>Human                 | <b>Full name:</b><br>potassium large conductance calcium-activated channel, subfamily M beta member 3 |
| <b>Isotype:</b><br>IgG1  | <b>GenBank:</b><br>NM_171828                | <b>Gene ID:</b><br>27094  |
| <b>Purification Method:</b><br>Protein G Magarose purification | <b>Immunogen Catalog Number:</b><br>Ag31765 |   |

## Detection Antibody Information

|  |   |   |
|--|---|---|
| <b>Catalog Number:</b><br>68804-2-PBS                          | <b>Clone ID:</b><br>2C12F3                  | <b>Conjugate:</b><br>Unconjugated   |
| <b>Host:</b><br>Mouse  | <b>Reactivity:</b><br>Human                 | <b>Full name:</b><br>potassium large conductance calcium-activated channel, subfamily M beta member 3 |
| <b>Isotype:</b><br>IgG1  | <b>GenBank:</b><br>NM_171828                | <b>Gene ID:</b><br>27094  |
| <b>Purification Method:</b><br>Protein G Magarose purification | <b>Immunogen Catalog Number:</b><br>Ag31765 |   |

## Applications

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|--|--|---|
| <b>Tested Applications:</b><br>Cytometric bead array | <b>Range:</b><br>0.16-20 ng/mL (Cytometric Bead Array) | <b>Recommended Dilutions:</b><br>It is recommended that this reagent should be titrated in each testing system to obtain optimal results. |
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## Product Information

MP50171-1 targets KCNMB3 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: KCNMB3 Monoclonal antibody, PBS Only (Capture) 68804-1-PBS (3B2D1). 100 µg. Concentration 1 mg/mL.

Detection antibody: KCNMB3 Monoclonal antibody, PBS Only (Detector) 68804-2-PBS (2C12F3). 100 µg. Concentration 1 mg/mL.

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

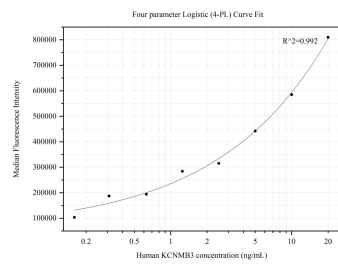
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

## Storage

**Storage:**  
Store at -80°C.  
**Storage buffer:**  
PBS only

# Selected Validation Data



Cytometric bead array standard curve of MP50171-1, KCNMB3 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68804-1-PBS. Detection antibody: 68804-2-PBS. Standard:Ag31765. Range: 0.16-20 ng/mL.