

For Research Use Only

# NOTCH3 Monoclonal Matched Antibody Pair, PBS Only



Catalog Number:MP50136-1

## Capture Antibody Information

**Catalog Number:**  
68769-1-PBS

**Host:**  
Mouse

**Isotype:**  
IgG1

**Purification Method:**  
Protein G Magarose purification

**Clone ID:**  
2G11C8

**Reactivity:**  
Human

**Immunogen Catalog Number:**  
Ag34533

**Conjugate:**  
Unconjugated

**Full name:**  
Notch homolog 3 (Drosophila)

**Gene ID:**  
4854

**Affinity:**  
 $K_D = 3.11 \times 10^{-9}M$   
 $K_{Off} = 2.36 \times 10^{-5}M$   
 $K_{On} = 7.59 \times 10^3M$

## Detection Antibody Information

**Catalog Number:**  
68769-2-PBS

**Host:**  
Mouse

**Isotype:**  
IgG1

**Purification Method:**  
Protein G Magarose purification

**Clone ID:**  
3G3E7

**Reactivity:**  
Human

**GenBank:**  
NM\_000435

**Immunogen Catalog Number:**  
Ag34533

**Conjugate:**  
Unconjugated

**Full name:**  
Notch homolog 3 (Drosophila)

**Gene ID:**  
4854

**Affinity:**  
 $K_D = 8.17 \times 10^{-10}M$   
 $K_{Off} = 4.91 \times 10^{-6}M$   
 $K_{On} = 6.01 \times 10^3M$

## Applications

**Tested Applications:**  
Cytometric bead array, Sandwich ELISA

**Range:**  
3.125-100 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

MP50136-1 targets NOTCH3 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: NOTCH3 Monoclonal antibody, PBS Only (Capture) 68769-1-PBS (2G11C8). 100 µg. Concentration 1 mg/ml.

Detection antibody: NOTCH3 Monoclonal antibody, PBS Only (Detector) 68769-2-PBS (3G3E7). 100 µg. Concentration 1 mg/ml.

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

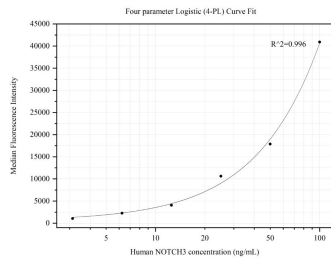
For technical support and original validation data for this product please contact:

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E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected Validation Data



Cytometric bead array standard curve of MP50136-1, NOTCH3 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68769-1-PBS. Detection antibody: 68769-2-PBS. Standard: Ag34533. Range: 3.125-100 ng/mL.