

For Research Use Only

# RALB Monoclonal Matched Antibody Pair, PBS Only



Catalog Number:MP50129-1

## Capture Antibody Information

**Catalog Number:**  
67094-2-PBS

**Host:**  
Mouse

**Isotype:**  
IgG1

**Purification Method:**  
Protein G purification

**Clone ID:**  
1G7F2

**Reactivity:**  
Human

**Immunogen Catalog Number:**  
Ag28600

**Conjugate:**  
Unconjugated

**Full name:**  
v-ral simian leukemia viral oncogene homolog B (ras related; GTP binding protein)

**Gene ID:**  
5899

**Affinity:**

$K_D = 1.10 \times 10^{-9}M$

$K_{Off} = 1.89 \times 10^{-5}M$

$K_{On} = 1.72 \times 10^4M$

## Detection Antibody Information

**Catalog Number:**  
67094-1-PBS

**Host:**  
Mouse

**Isotype:**  
IgG2a

**Purification Method:**  
Protein A purification

**Clone ID:**  
1D11C11

**Reactivity:**  
Human, rat, pig, mouse

**GenBank:**  
BC018163

**Immunogen Catalog Number:**  
Ag28600

**Conjugate:**  
Unconjugated

**Full name:**  
v-ral simian leukemia viral oncogene homolog B (ras related; GTP binding protein)

**Gene ID:**  
5899

**Affinity:**

$K_D = 1.82 \times 10^{-10}M$

$K_{Off} = 2.54 \times 10^{-6}M$

$K_{On} = 1.40 \times 10^4M$

## Applications

**Tested Applications:**

Cytometric bead array, Sandwich ELISA

**Range:**

6.25-100 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

MP50129-1 targets RALB in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: RALB Monoclonal antibody, PBS Only (Capture) 67094-2-PBS (1G7F2). 100 µg. Concentration 1 mg/mL.

Detection antibody: RALB Monoclonal antibody, PBS Only (Detector) 67094-1-PBS (1D11C11). 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

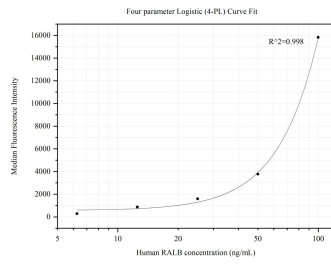
For technical support and original validation data for this product please contact:

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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 MP50129-1, RALB Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 67094-2-PBS. Detection antibody: 67094-1-PBS. Standard:Ag28600. Range: 6.25-100 ng/mL