

For Research Use Only

# PLK4 Monoclonal antibody, PBS Only (Capture)



Catalog Number: 68864-1-PBS

## Basic Information

<b>Catalog Number:</b> 68864-1-PBS	<b>GenBank Accession Number:</b> BC036023	<b>Purification Method:</b> Protein G Magarose purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 10733	<b>CloneNo.:</b> 2G9B7
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> O00444	
<b>Isotype:</b> IgG1	<b>Full Name:</b> polo-like kinase 4 (Drosophila)	
<b>Immunogen Catalog Number:</b> AG21287	<b>Calculated MW:</b> 970 aa, 109 kDa	

## Applications

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

**Species Specificity:**  
Human

## Product Information

68864-1-PBS targets PLK4 as part of a matched antibody pair:

MP50258-1: 68864-1-PBS capture and 68864-2-PBS detection (validated in Cytometric bead array)

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

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

## Storage

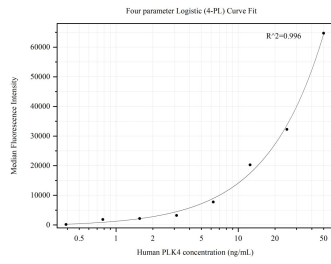
**Storage:**  
Store at -80°C.

**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)  
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## Selected Validation Data



Cytometric bead array standard curve of MP50258-1, PLK4 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68864-1-PBS. Detection antibody: 68864-2-PBS. Standard: Ag21287. Range: 0.391-50 ng/mL