

## Product datasheet for **CF810507**

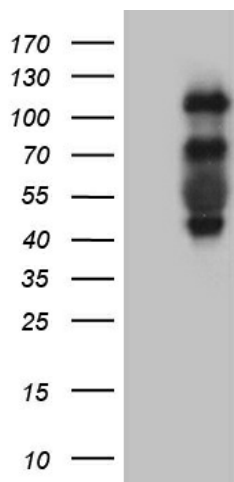
### PLK4 Mouse Monoclonal Antibody [Clone ID: OTI2D12]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI2D12
Applications:	WB
Recommended Dilution:	WB 1:2000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 307-612 of human PLK4 (NP_055079) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	108.8 kDa
Gene Name:	polo like kinase 4
Database Link:	<a href="#">NP_055079</a> <a href="#">Entrez Gene 10733 Human</a> <a href="#">O00444</a>
Synonyms:	MCCRP2; SAK; STK18
Protein Families:	Druggable Genome, Protein Kinase



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**Product images:**

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PLK4 ([RC206015], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PLK4 (1:2000). Positive lysates [LY402302] (100ug) and [LC402302] (20ug) can be purchased separately from OriGene.