

## Anti-PLK1 Mouse Monoclonal Antibody [Clone ID: OTI8C12]

Catalog Number: M00182-2

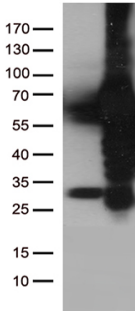
### Overview

Product Name	Anti-PLK1 Mouse Monoclonal Antibody [Clone ID: OTI8C12]
Reactive Species	Dog, Human, Monkey, Mouse, Rat
Description	Boster Bio Anti-PLK1 mouse monoclonal antibody, clone OTI8C12 (formerly 8C12). Catalog# M00182-2. Tested in FC, IF, IP, WB. This antibody reacts with Human, Monkey, Mouse, Rat, Dog.
Application	Flow Cytometry, IP, IF, WB
Clonality	Monoclonal OTI8C12
Formulation	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Storage Instructions	Store at -20°C as received.
Host	Mouse
Uniprot ID	P53350

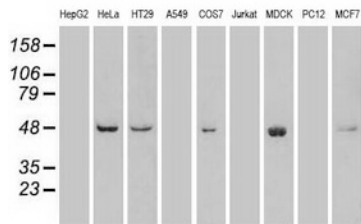
### Technical Details

Immunogen	Full-length protein expressed in 293T cell transfected with human PLK1 expression vector
Isotype	IgG1
Concentration	0.96 mg/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows:

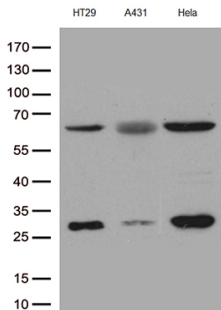
## Anti-PLK1 Mouse Monoclonal Antibody [Clone ID: OTI8C12] (M00182-2) Images



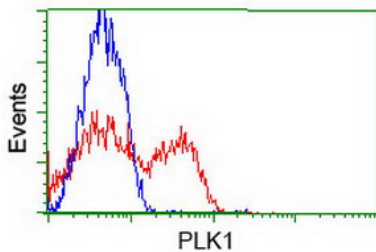
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PLK1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PLK1. (1:.



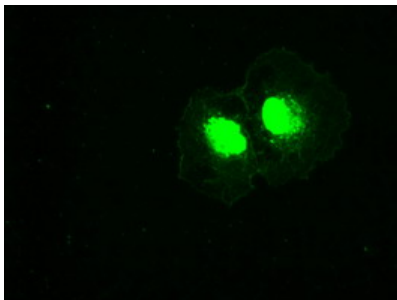
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-PLK1 monoclonal antibody.



Western blot analysis of extracts (35ug) from 3 different cell lines by using anti-PLK1 monoclonal antibody (1:500).



HEK293T cells transfected with either PLK1 (Myc-DDK-tagged) overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-PLK1 antibody (M00182-2)



Anti-PLK1 mouse monoclonal antibody (M00182-2) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY PLK1 (1:100).

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