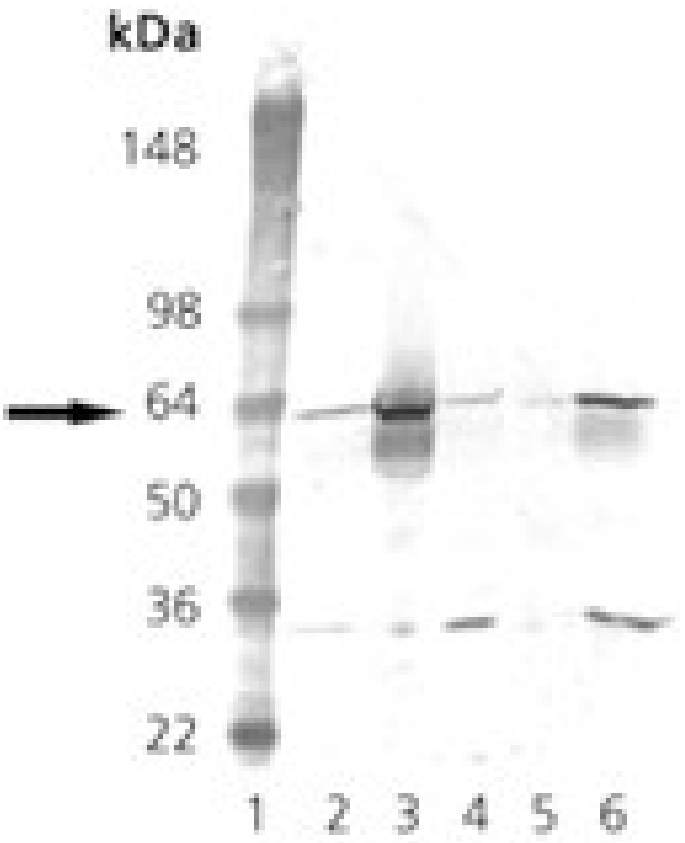
Plk1 monoclonal antibody (3F8)

The polo-like kinases (PLKs) function in cell-cycle progression and in multiple stages of mitosis. PLK1 is activated by phosphorylation of Thr210 at the G2/M phase boundary. Active PLK1 participates in mitotic entry through activation of Cdc25C and nuclear import of cyclin B1, thereby activating the Cdc2/cyclin B kinase.

This antibody is covered by our Worry-Free Guarantee.

Citations: 1 View Online »

Manuals, SDS & CofA View Online »



Western blot analysis of PLK1 mAb (3F8): Lane 1: MW marker, Lane 2: HeLa, Lane 3: Jurkat, Lane 4: PC-12, Lane 5: 3T3, Lane 6: HEK-293.

Handling & Storage

Handling	Avoid freeze/thaw cycles.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Polo-like kinase 1
Application	WB
Application Notes	Detects a band of ~62kDa by Western blot.
Clone	3F8
Crossreactivity	Weakly cross-reacts with mouse Plk1.
Formulation	Liquid. In PBS, pH 7.2, containing 50% glycerol and 0.09% sodium azide.
Host	Mouse
Immunogen	Recombinant fragment from the middle of human PLK1.
Isotype	IgG1
Purity Detail	Protein G affinity purified.
Recommendation Dilutions/Conditions	Western Blot (1:1,000, colorimetric)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Source	Purified from hybridoma tissue culture supernatant.
Species Reactivity	Human, Rat
UniProt ID	P53350

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