

PLK1 antibody [13E8]

Cat. No. GTX15779

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Applications	WB, ICC/IF, IHC-P, IP, ELISA, IHC
Reactivity	Human, Mouse, Rat

References (1)

Package

100 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:1,000
ICC/IF	3 µg/ml
IHC-P	1:20
IP	Assay dependent
ELISA	Assay dependent
IHC	Assay dependent

Not tested in other applications.

Calculated MW 68 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 0.1% BSA
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein containing residues 300-400 of human PLK1.
Purification	Protein G purified
Conjugation	Unconjugated



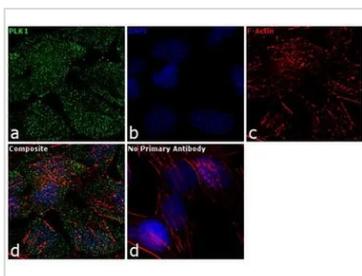
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Note

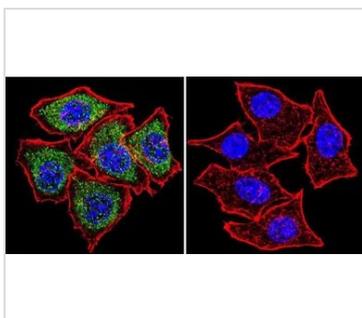
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DATA IMAGES



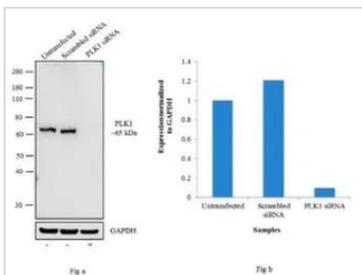
GTx15779 ICC/IF Image

ICC/IF analysis of HeLa cells using GTx15779 PLK1 antibody [13E8].
 Fixation : 4% paraformaldehyde
 Permeabilization : 0.1% Triton X-100 for 10 minute
 Dilution : 3 µg/ml in 0.1% BSA and incubated for overnight at 4°C



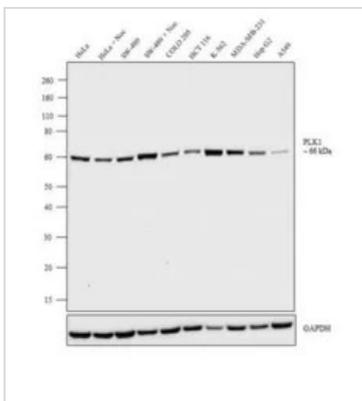
GTx15779 ICC/IF Image

ICC/IF analysis of HeLa cells using GTx15779 PLK1 antibody [13E8]. Cells were probed without (right) or with(left) an antibody.
 Green : Primary antibody
 Blue : Nuclei
 Red : Actin
 Fixation : formaldehyde
 Dilution : 1:20 overnight at 4°C



GTx15779 WB Image

WB analysis of PLK1 knockdown HeLa cells (lane 3), scrambled siRNA transfected cells (lane 2) and untransfected cells (lane 1) using GTx15779 PLK1 antibody [13E8].
 Dilution : 1 µg/ml



GTx15779 WB Image

WB analysis of whole cell extracts (30µg) of HeLa (Lane 1), treated with Nocodazole (500nM for 18 hrs) (Lane2), SW-480 (Lane 3), treated with Nocodazole (500nM for 18 hrs) (Lane 4), COLO 205 (Lane 5), HCT 116 (Lane 6), K-562 (Lane 7), MDA-MB-231 (Lane 8), HepG2 (Lane 9), A549 (Lane 10) using GTx15779 PLK1 antibody [13E8].
 Dilution : 1:1000



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