

VRK1 antibody [5D1]

Cat. No. GTX00703

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, ICC/IF, IP, ELISA, IHC
Reactivity	Human

Package
100 µg

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:200-1:1000
ICC/IF	1:100
IP	Assay dependent
ELISA	Assay dependent
IHC	Assay dependent

Not tested in other applications.

Calculated MW 45 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	Filter-sterilized PBS, 50% Glycerol
Preservative	No preservatives
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	Synthetic peptide corresponding to N-terminus of human VRK1, MPRVKAAQAGRQSSAKRHL-C
Purification	Purified IgG From tissue culture supernatant
Purity	90~98%
Conjugation	Unconjugated



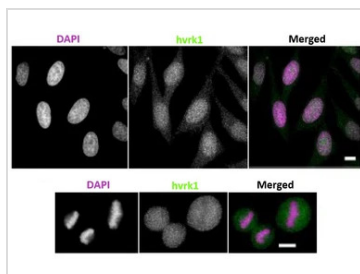
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Note

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DATA IMAGES



GTx00703 ICC/IF Image

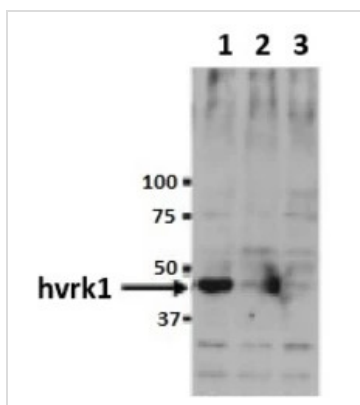
ICC/IF analysis of HeLa cells using GTx00703 VRK1 antibody [5D1].

Upper panel : Interphase cells

Lower panel : Metaphase cells

Dilution : 1:100

Fixation : 4% PFA



GTx00703 WB Image

WB analysis of HeLa cell lysate using GTx00703 VRK1 antibody [5D1].

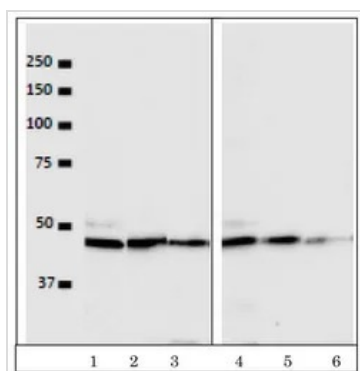
Samples :

Lane 1 : HeLa cells transfected Luciferase RNAi (control)

Lane 2 : HeLa cells transfected VRK1-1 RNAi

Lane 3 : HeLa cells transfected VRK1-2 RNAi

Dilution : 1:500



GTx00703 WB Image

WB analysis of various samples using GTx00703 VRK1 antibody [5D1].

Lane 1-3 : HeLa whole cell lysate

Lane 4-6 : U2OS whole cell lysate

Dilution :

Lane 1, 4 : 1:100

Lane 2, 5 : 1:500

Lane 3, 6 : 1:1000

Cell amount : 5 x10⁴ cells



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