Hec1 antibody [9G3.23]

Cat. No. GTX70268

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Applications	WB, ICC/IF, IHC-Fr, FCM, IP, PLA
Reactivity	Human, Mouse, Hamster, Kangaroo rat

References (86)

Review (2)

Package
100 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-Fr	Assay dependent
FCM	Assay dependent
IP	Assay dependent
PLA	Assay dependent

Not tested in other applications.

Calculated MW 74 kDa. (Note)

Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Human HEC1 protein consisting of amino acids 56-642.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

For full product information, images and publications, please visit our website.

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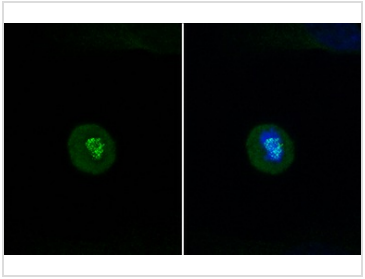
Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

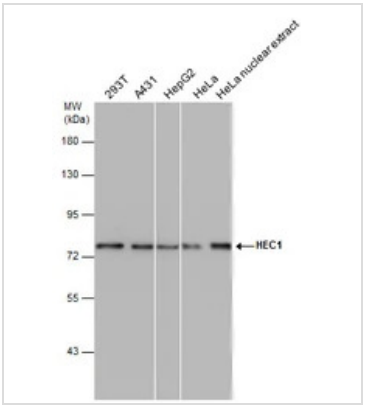
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



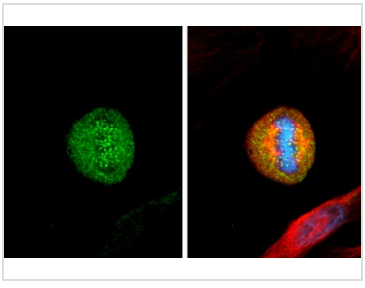
GTX70268 ICC/IF Image

Hec1 antibody [9G3.23] detects Hec1 protein at kinetochore by immunofluorescent analysis.
Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.
Green: Hec1 stained by Hec1 antibody [9G3.23] (GTX70268) diluted at 1:500.
Blue: Fluoroshield with DAPI (GTX30920).



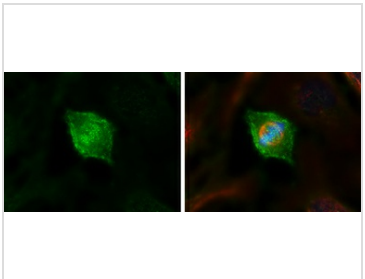
GTX70268 WB Image

HEC1 antibody [9G3.23] detects HEC1 protein by western blot analysis. Various whole cell extracts and HeLa nuclear extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with HEC1 antibody [9G3.23] (GTX70268) diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody, and the signal was developed with Trident femto Western HRP Substrate (GTX14698).



GTX70268 ICC/IF Image

Hec1 antibody [9G3.23] detects Hec1 protein at kinetochore by immunofluorescent analysis.
Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.
Green: Hec1 stained by Hec1 antibody [9G3.23] (GTX70268) diluted at 1:1000.
Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody (GTX102079) diluted at 1:1000.
Blue: Fluoroshield with DAPI (GTX30920).



GTX70268 ICC/IF Image

Hec1 antibody [9G3.23] detects Hec1 protein at kinetochore by immunofluorescent analysis.
Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.
Green: Hec1 stained by Hec1 antibody [9G3.23] (GTX70268) diluted at 1:500.
Red: alpha Tubulin 4a, a cytoskeleton marker, stained by alpha Tubulin 4a antibody (GTX112141) diluted at 1:500.
Blue: Hoechst 33342 staining.

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