

Hec1 (phospho Ser 55) antibody

Cat. No. GTX70017

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application	WB, ICC/IF, IP, ELISA
Reactivity	Human, Mouse, Rat, Kangaroo rat

Reference (16)
Package
100 µl

APPLICATION

Application Note

Recommended Starting Dilutions:

For WB: 1:500-1:3000

For IP: Use at a dilution of 2-4 µg/mL for 1 mg cell extract

For ICC/IF: Use at a dilution of 1:300

Not yet tested in other applications. Optimal dilutions should be determined experimentally by the researcher.

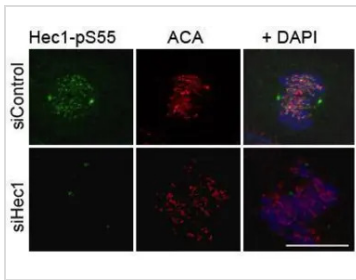
Calculated MW 80 kDa. ([Note](#))

PROPERTIES

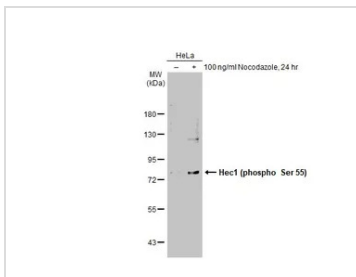
Form	Liquid
Buffer	PBS, 1% BSA, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.26 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide surrounding phospho Ser55 of human Hec1. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated
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.



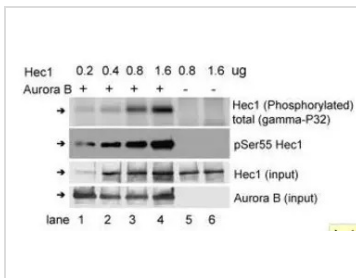
For full product information, images and publications, please visit our [website](#).

DATA IMAGES

GTx70017 ICC/IF Image

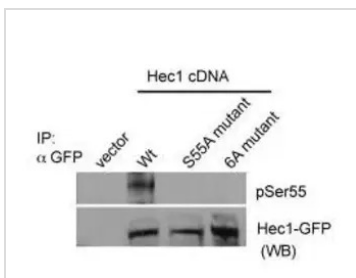
Immunofluorescent staining of Hec1 phospho Ser55 in cells treated with Hec1 siRNA (bottom) or control siRNA (top)


GTx70017 WB Image

Untreated (-) and treated (+) HeLa whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Hec1 (phospho Ser 55) antibody (GTx70017) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.


GTx70017 WB Image

Purified 6his-Hec1 was subject to a kinase assay with recombinant Aurora B and gamma-p32-labelled ATP. The resultant phospho-Hec1 were detected by measuring radioactive signal and by WB analysis with pSer55 antibody


GTx70017 WB Image

GFP-tagged Hec1 wild type, S55A or 6A (Ser55 and five other Ser/Thr residues changed to Ala) mutant was ectopically expressed in HeLa cells and the cell lysate was used for WB analysis with the Hec1 pSer55 antibody (diluted at 1:500)



For full product information, images and publications, please visit our [website](https://www.genetex.com).