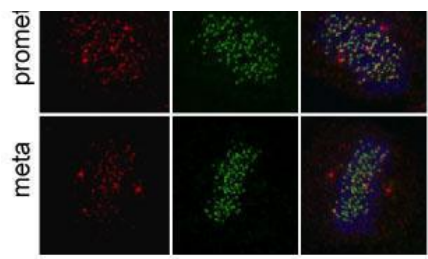




<b>Catalog Number</b>	GTX70016	Package: 100 µg
<b>Product Name</b>	Hec1 antibody	
<b>Full Name</b>	NDC80 homolog, kinetochore complex component ( <i>S. cerevisiae</i> )	
<b>Synonyms</b>	HEC antibody, hsNDC80 antibody, NDC80 homolog antibody, kinetochore complex component ( <i>S. cerevisiae</i> ) antibody, NDC80 antibody, KNTC2 antibody, TID3 antibody, HEC2 antibody, Hec1 (non-phospho Ser 55) antibody	
<b>Product Description</b>	Rabbit Polyclonal antibody to Hec1	
<b>Background</b>	HEC is one of several proteins involved in spindle checkpoint signaling. This surveillance mechanism assures correct segregation of chromosomes during cell division by detecting unaligned chromosomes and causing prometaphase arrest until the proper bipolar attachment of chromosomes is achieved.[supplied by OMIM]	
<b>Host</b>	Rabbit	
<b>Clonality</b>	Polyclonal	
<b>Isotype</b>	IgG	
<b>Target</b>	Hec1	
<b>Immunogen</b>	A Synthetic peptide within a.a. 30~80 around Ser55	
<b>Antigen Species</b>	Human	
<b>Species Reactivity</b>	Human, Mouse, Rat	
<b>Applications</b>	ELISA, ICC/IF, IP, WB	
<b>Application Note</b>	<p><b>Recommended Starting Dilutions:</b></p> <p>For WB: Use at a dilution of 1:750</p> <p>For IP: Use at a dilution of 2-4 µg/mL for 1 mg cell extract</p> <p>For ICC/IF: Use at a dilution of 1:300</p> <p>Not yet tested in other applications. Optimal dilutions should be determined experimentally by the researcher.</p>	
<b>Positive Controls</b>	HeLa , Blocking peptide (GTX70016-PEP)	
<b>Predicted Target Size</b>	80 kDa	
<b>Cellular Localization</b>	Nucleus , Kinetochore	
<b>Form Supplied</b>	Liquid	
<b>Purification</b>	Affinity purified using antigen	
<b>Concentration</b>	0.5 mg/ml (Please refer to the vial label for the specific concentration)	
<b>Storage Buffer</b>	1X PBS	
<b>Storage Instruction</b>	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.	
<b>Notes</b>	For <i>In vitro</i> laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.	
<b>ResearchArea</b>	<a href="#">Cancer</a> > <a href="#">Cell cycle</a> > <a href="#">Cell division</a> <a href="#">Cell Biology</a> > <a href="#">Cell cycle</a>	

Hec1-npS55 Hec1 (9G3) + DAPI





**GTX70016 ICC/IF Image**

Immunofluorescent staining of Hec1 non-phospho Ser55 in cells undergoing prometaphase (top) or metaphase (bottom)