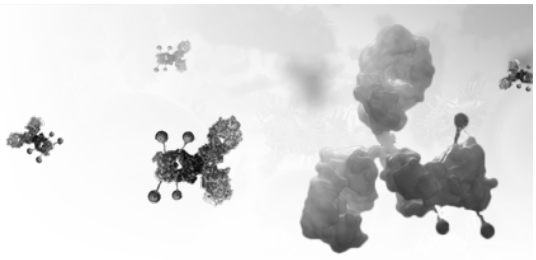

Human NDC80 (phospho Ser 55) blocking peptide (CDBP1464)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking peptide for Hec1 (phospho Ser 55) antibody
Antigen Description	This gene encodes a component of the NDC80 kinetochore complex. The encoded protein consists of an N-terminal microtubule binding domain and a C-terminal coiled-coiled domain that interacts with other components of the complex. This protein functions to organize and stabilize microtubule-kinetochore interactions and is required for proper chromosome segregation. [provided by RefSeq, Oct 2011]
Species	Human
Conjugate	Unconjugated
Applications	BL
Format	Liquid
Concentration	2.5 mg/ml
Size	100 µg
Buffer	Water
Preservative	None
Storage	Store at -20°C. Avoid repeated freeze/thaw cycles.

GENE INFORMATION

Gene Name	NDC80 NDC80 kinetochore complex component [Homo sapiens (human)]

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Official Symbol	NDC80
Synonyms	NDC80; NDC80 kinetochore complex component; HEC; HEC1; TID3; KNTC2; HsHec1; hsNDC80; kinetochore protein NDC80 homolog; kinetochore associated 2; kinetochore protein Hec1; kinetochore-associated protein 2; highly expressed in cancer protein; retinoblastoma-associated protein HEC; NDC80 kinetochore complex component homolog; NDC80 homolog, kinetochore complex component; highly expressed in cancer, rich in leucine heptad repeats;
Entrez Gene ID	10403
mRNA Refseq	NM_006101.2
Protein Refseq	NP_006092.1
UniProt ID	A8K031
Chromosome Location	18p11.32
Pathway	Aurora B signaling, organism-specific biosystem; Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; M Phase, organism-specific biosystem; Mitotic Anaphase, organism-specific biosystem; Mitotic Metaphase and Anaphase, organism-specific biosystem; Mitotic Prometaphase, organism-specific biosystem; PLK1 signaling events, organism-specific biosystem; Resolution of Sister Chromatid Cohesion, organism-specific biosystem; Separation of Sister Chromatids, organism
Function	protein binding;

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