

Mouse anti-Human KNTC2 Monoclonal Antibody | anti-KNTC2 antibody

Mouse monoclonal antibody Anti-Human KNTC2

CATALOG # AAA36429	HOST Mouse	REACTIVITY Human	APPLICATIONS Western Blot, Immunocytochemistry, Dot Blot
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PRODUCT SYNONYMS

KNTC2; Monoclonal Antibody; Mouse monoclonal antibody Anti-Human KNTC2; Homo sapiens NDC80 homolog; kinetochore complex component (S.cerevisiae) (NDC80); NDC80; HEC; HEC1; TID3; hsNDC80; anti-KNTC2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2497C3a
Concentration	100 ug/ml (1.0 ml) (varies by lot)
Sequence Length	2209
Applicable Applications for anti-KNTC2 antibody	WB (Western Blot), ICC (Immunocytochemistry), DB (Dot Blot)
Preparation	This antibody was purified using protein G column chromatography from culture supernatant of hybridoma cultured in a medium containing bovine IgG-depleted (approximately 95%) fetal bovine serum.
Sterility	Filtered through a 0.22 um membrane.

IMAGES



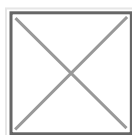
ICC (Immunocytochemistry)

Immunostaining analysis in HeLa cells. HeLa cells were fixed with 4% paraformaldehyde and permeabilized with 0.1% Triton X-100 in PBS. The cells were immunostained with anti-KNTC2 mAb. Nuclear was stained with Hoechst (blue fluorescence). [Lot No. 2497C3a-1]



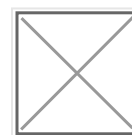
WB (Western Blot)

Detection of human KNTC2 by Western blot. Samples: Whole cell lysate (25 ug) from HeLa cells. [Lot No. 2497C3a-1] Predicted molecular weight: 73 kDa



Quality Control #2

Arrow indicates the region of immunized recombinant protein carrying 50-200 amino acids.



Quality Control

Western blot analysis of immunized recombinant protein, using anti-KNTC2 monoclonal antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-KNTC2 antibody	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] [NCBI Entrez Gene Summary]
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NCBI AND UNIPROT INFORMATION

NCBI GI #	215820615
NCBI GeneID	10403
NCBI Accession #	NP_006092.1
NCBI GenBank Nucleotide #	NM_006101
Molecular Weight	73,913 Da
NCBI Official Full Name	Homo sapiens NDC80 kinetochore complex component (NDC80), mRNA
NCBI Official Synonym Full Names	NDC80 kinetochore complex component
NCBI Official Symbol	NDC80
NCBI Official Synonym Symbols	HEC; HEC1; TID3; KNTC2; HsHec1; hsNDC80
NCBI Protein Information	kinetochore protein NDC80 homolog; NDC80 homolog, kinetochore complex component; NDC80 kinetochore complex component homolog; highly expressed in cancer protein; highly expressed in cancer, rich in leucine heptad repeats; kinetochore associated 2; kinetochore protein Hec1; kinetochore-associated protein 2; retinoblastoma-associated protein HEC
UniProt Protein Name	Kinetochore protein NDC80 homolog
UniProt Gene Name	NDC80
UniProt Entry Name	NDC80_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/kntc2-antibody-clone-2497c3a-western-blot-immunocytochemistry-dot-blot-elisa/36429>