

Rabbit anti-Human Nuf2 Monoclonal Antibody | anti-Nuf2 antibody

Nuf2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312650	Rabbit	Human	Flow Cytometry, Functional Assay, Western Blot

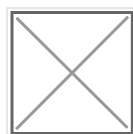
PRODUCT SYNONYMS

Nuf2; Monoclonal Antibody; Nuf2 Antibody; Cancer/testis antigen 106 antibody; CDCA 1 antibody; CDCA1 antibody; Cell division cycle associated 1 antibody; Cell division cycle associated protein 1 antibody; Cell division cycle-associated protein 1 antibody; CT106 antibody; hNuf 2 antibody; hNuf2 antibody; hNuf2R antibody; hsNuf2 antibody; Kinetochore protein Nuf2 antibody; Nuf 2 antibody; NUF2 antibody; NUF2 NDC80 kinetochore complex component antibody; NUF2 NDC80 kinetochore complex component homolog antibody; NUF2; S. cerevisiae; homolog of antibody; NUF2_HUMAN antibody; NUF2R antibody; anti-Nuf2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	JG34-64
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-Nuf2 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein within human Nuf2 aa 1-200.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of A431 cells with Nuf2 antibody at 1/50 dilution (purple) compared with an unlabelled control (cells without incubation with primary antibody; yellow). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of Nuf2 on different cell lysates using anti-Nuf2 at 1/1, 000 dilution. Positive control: Line 1: K562 Line 2: PC-3M Line 3: THP-1

ADDITIONAL INFORMATION

Related Product Information for anti-Nuf2 antibody	This gene encodes a protein that is highly similar to yeast Nuf2, a component of a conserved protein complex associated with the centromere. Yeast Nuf2 disappears from the centromere during meiotic prophase when centromeres lose their connection to the spindle pole body, and plays a regulatory role in chromosome segregation. The encoded protein is found to be associated with centromeres of mitotic HeLa cells, which suggests that this protein is a functional homolog of yeast Nuf2. Acts as a component of the essential kinetochore-associated NDC80 complex, which is required for chromosome segregation and spindle checkpoint activity. Required for kinetochore integrity and the organization of stable microtubule binding sites in the outer plate of the kinetochore. The NDC80 complex synergistically enhances the affinity of the SKA1 complex for microtubules and may allow the NDC80 complex to track depolymerizing microtubules.
Product Categories/Family for anti-Nuf2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	115311829
NCBI GeneID	83540
UniProt Accession #	Q9BZD4; Q8WU69; Q96HJ4; Q96Q78
Molecular Weight	464
NCBI Official Full Name	Kinetochore protein Nuf2
NCBI Official Synonym Full Names	NUF2, NDC80 kinetochore complex component
NCBI Official Symbol	NUF2
NCBI Official Synonym Symbols	CDCA1; CT106; NUF2R
NCBI Protein Information	kinetochore protein Nuf2; hNuf2; hNuf2R; hsNuf2; cancer/testis antigen 106; cell division cycle associated 1; cell division cycle-associated protein 1; NUF2, NDC80 kinetochore complex component, homolog
UniProt Protein Name	Kinetochore protein Nuf2
UniProt Gene Name	NUF2
UniProt Synonym Gene Names	CDCA1; NUF2R; hNuf2; hNuf2R; hsNuf2
UniProt Entry Name	NUF2_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/nuf2-antibody-clone-jg34-64-flow-cytometry-western-blot-elisa/312650>