

RecomAb™

NUF2 recombinant monoclonal antibody, clone R07-9E2

Catalog # RAB02045 Size 100 uL

Applications



Western Blot

Western blot analysis of K562 lysates with NUF2 recombinant monoclonal antibody, clone R07-9E2 (Cat # RAB02045).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human NUF2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human NUF2.
Theoretical MW (kDa)	Calculated MW: 54 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction

Store at -20 °C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Gene Info — NUF2

Entrez GeneID[83540](#)**Protein Accession#**[Q9BZD4](#)**Gene Name**

NUF2

Gene Alias

CDCA1, NUF2R

Gene Description

NUF2, NDC80 kinetochore complex component, homolog (S. cerevisiae)

Gene Ontology[Hyperlink](#)**Gene Summary**

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. Alternatively spliced transcript variants that encode the same protein have been described. [provided by RefSeq]

Other Designations

NUF2, NDC80 kinetochore complex component|OTTHUMP00000032177|OTTHUMP00000032178|cell division cycle associated 1

Disease

- [Genetic Predisposition to Disease](#)
- [Hypertension](#)